RAWALPINDI INSTITUTE OF CARDIOLOGY

BIDDING / TENDER DOCUMENT FOR PROCUREMENT

OF

MACHINERY / PLANTS

(2014-2015)

CHECK LIST

S #	***DETAIL***	***YES / NO***	***PAGE #***
	KNOCK OUT CLAUSES		
1	Original receipt for purchase of tender		
2	Valid National ID Card (NADRA)		
3	Company profile (Name, Address, Tel No)		
4	Acceptance of terms and condition of tender documents duly signed and stamped		
5	Min one years' experience in supplying to Government / Autonomous institutions		
6	An affidavit on stamp paper of Rs.100/- submitting that the firm is never blacklisted on any grounds whatsoever from Government / Autonomous institutions		
7	Price should not be mentioned on technical bid, if mentioned, bid will be cancelled		
8	Valid National Tax Number		
9	Valid General Sale Tax certificate		
10	Valid Professional Tax certificate if applicable		
11	Fresh CDR / Bank Guarantee		
12	The bidder must possess valid authorization / agreement from the Foreign Manufacturer or certificate being a Manufacturer		
13	The Manufacturer should have documentary evidence to effect that they are the original Manufacturer of the quoted product with indication of manufacturing site and its location		
	GENERAL CLAUSES		
1	Detail of staff / profile of company		
2	Supply orders detail over last two years (minimum) from Government organization / Autonomous institutions and private organizations.		
3	An affidavit on stamp paper of Rs.20/- that the bidder shall provide Medical & Laboratory Equipments to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi as per Demand / Orders.		

INVITATION FOR BIDS

RAWALPINDI INSTITUTE OF CARDIOLOGY RAWAL ROAD, RAWALPINDI

Reference No: RIC/ PO/2671/14, Dated: 22-12-2014

The Rawalpindi Institute of Cardiology invites sealed bids from the eligible bidders for supply of material to meet the requirement of Rawalpindi Institute of Cardiology. Detailed description and quantities of material are given in the Bidding Documents.

Interested eligible bidders may get the Bidding Documents at the address mentioned below on submission of written application along with payment of non-refundable fee of Rs. 1000/-. Bidding Documents shall be issued up to **10-01-2015 on 02:00 PM** However, a copy of the Bidding Documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) and http://health.punjab.gov.pk until the closing date for the submission of bids.

Bidding will be conducted through Single Stage – Two Envelopes bidding procedure as per Punjab Procurement Rules 2014

Bids must be delivered to the address below at or before **11:00 AM on 13-01-2015** Bid security of 2% of the total bid value in the shape of call deposit (CDR) / Bank guarantee should be **attached with the financial bid**. Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below at **11:30 AM on 13-11-2015**. The Bidders are requested to give their best and final prices.

Executive Director
Rawalpindi Institute of Cardiology
Rawal Road, Rawalpindi

Bid Data Sheet

ITB Ref	Descrip	Detail
N/A	Bid reference number	RIC/ PO/2671/14, Dated: 22-12-2014
N/A	Commencement of sale of Bidding Document	After one day of publishing of advertisement in newspaper.
N/A	Last date of sale of Bidding Document	10-01-2015 on 02:00 PM
ITB Clause 24	Last date and time for the receipt of bidding	13-01-2015 on 11:00 AM
N/A	Pre-bid meeting date, time and venue	12-01-2015 on 11:00 AM at Conference Room RIC, Rawalpindi
ITB Clause 27	Date, time and venue of opening of technical Bids	13-01-2015 on 11:30 AM Conference Room RIC, Rawalpindi
ITB Clause 16	Bid currency	PKR
ITB Clause 13	Language of bid	English or Urdu
ITB Clause 20	Amount of bid security	2% of the total bid value
ITB Clause 21	Bid validity period	90 Days
ITB Clause 09	Bidding procedure	Single stage – Two Envelop procedure
ITB Clause 27	Address for communication: **Executive Director Rawalpindi Institute of Cardiology** **Rawal Road, Rawalpindi**	

INSTRUCTIONS TO BIDDERS

1. **Source of Funds:** The Government of Punjab, Health Department has allocated funds for the purchase of Machinery / Plants to the individual institution under their relevant Head of Account which will be utilized by Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi for the purchase of Machinery / Plants during the financial year 2014-15. Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi intends to fix the price / conclude the contract for the supply of Machinery / Plants on Free Delivery to Consignee's end basis directly to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi

2. **Eligible bidders**: This Invitation for Bids is open to all printers having income tax/sale tax registered distributors/suppliers for the supply of Machinery / Plants on Free Delivery to Consignee's end basis. The bidder shall also have to submit a copy of registration certificate and Memorandum of Association / Partnership deed registered with the Registrar of Companies in Pakistan. The bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices, declared by any Government (Federal/Provincial/District), a Local Body or a Public Sector Organization.

3. **Eligible Goods and Services:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term **"Goods"** includes any Goods that are the subject of this Invitation for Bids and the term "**Services**" shall include related services such as transportation, insurance etc. The **"origin**" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced through manufacturing or processing, or substantial and major assembly of ingredients / components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

4. **Cost of Bidding:** The bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the manner or outcome of the bidding process.

NOTE: List of required items with specifications is attached at the end of this document.

THE BIDDING DOCUMENTS

5. Content of Bidding Documents

i. The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the invitation for bids, the bidding documents shall include:-

a) Instructions to bidders;
b) General Conditions of Contract;
c) Special Conditions of Contract;
d) Schedule of Requirements;
e) Technical Specifications;
f) Manufacturer's Authorization Form;
g) Performance Guaranty Form;

ii. The **"Invitation for Bids"** does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed above, the said Bidding Documents shall take precedence.

iii. The bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents.

iv. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the bidder's risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents: A prospective bidder requiring any clarification of the bidding documents may notify the Procuring Agency, in writing at the Procuring Agency's address, indicated in the Invitation for Bids. The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives no later than ten (10) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective bidders that have received the bidding documents. Pre-bid conference will also on the date 12-01-2015 on 11:00 AM mentioned in Bid Data Sheet at the Conference Room of RIC.

7. Amendment of Bidding Documents: At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment. All prospective bidders that have received the bidding documents shall be notified of the amendment in writing or by phone, and shall be binding on them. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.

PREPARATION OF BIDS

8. Language of Bid: The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising the Bid: The bid shall comprise the following components:

(a) Bid Form and Price Schedule completed in accordance with instruction to bidders (to be submitted along with financial proposal).
(b) Documentary evidence established in accordance with instruction to bidders that the bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
(c) Documentary evidence established in accordance with instruction to bidders that the goods to be supplied by the bidder are eligible goods and conform to the bidding documents; and
(d) **Bid Security @ 2% of the total value of the bid** in the shape of Call Deposit (Fresh CDR) / bank guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi.

Note: Bid security must be submitted only with Financial Bid. Bid will be rejected if bid security (original or photocopy) is submitted with Technical Bid

10. **Bid Form & Price Schedule:** The bidder shall complete the Bid Form and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their strength, packing, quantity, and prices.

11. **Bid Prices:**
    - **i.** The bidder shall indicate on the appropriate Price Schedule the unit prices and total bid price of the goods, it proposes to supply under the Contract.
    - **ii.** Form of price Schedule is to be filled in very carefully, preferably typed. Any alteration /correction must be initialed. Every page is to be signed and stamped at the bottom. Serial number of the quoted item may be marked with red / yellow marker.
    - **iii.** The bidder should quote the prices of goods according to the technical specifications as provided in the Form of Price Schedule and Technical Specifications. The specifications of goods, different from the demand of bid enquiry, shall straightway be rejected.
    - **iv.** **The bidder is required to offer competitive price. All prices must include the General Sales Tax (GST) and other taxes and duties, where applicable. If there is no mention of taxes, the offered / quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.**
    - **v.** Prices offered should be for the entire quantity demanded; partial quantity offers shall straightaway be rejected. Conditional offer shall also be considered as non-responsive bidder.
    - **vi.** While tendering your quotation, the present trend / inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained.

12. **Bid currencies:** Prices shall be quoted in Pak Rupees.

13. **Documents Establishing bidder's Eligibility and Qualification**
    - **i.** The bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
    - **ii.** The documentary evidence of the bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the bidder, at the time of submission of its bid, is eligible as defined under instruction to the bidders
    - **iii.** The documentary evidence (to be submitted along with technical proposal) of the bidder's qualifications to perform the Contract if its bid is accepted shall establish to the Procuring Agency's satisfaction:

      (a) The Sole Agent / Importer shall have to produce letter of authorization from Manufacturer (Foreign Executive Director) and in case of Manufacturer, documentary proof including manufacturing license / registration certificate, to the effect that they are the original manufacturer of the required specifications of goods, shall be provided.

      (b) National Tax Number (NTN) and General Sales Tax Number (GST) (if applicable) with documentary proof shall have to be provided by each bidder in the tender.

      (c) The bidder shall submit an affidavit on legal stamp paper of Rs. 100/- that their firm is not blacklisted on any ground by any Government (Federal/Provincial/District), a local body or a Public Sector Organization. The bidder shall be debarred from bid on account of submission of false statement.

      (d) The bidder should have minimum **two-year experience in the market**. Similarly, it is mandatory that the item to be quoted by the bidder / Manufacturer should have availability in the market minimum for the **last one year**. Documentary proof shall have to be provided in this regard.

      (e) The bidder is required to provide with the Technical Proposal, the name of item(s) for which they have quoted their rates in the Financial Proposals.

      (f) The bidder must indicate the registration number, make of country of origin / Manufacturer of the Machinery / Plants, capacity of production of the firm, its financial status, batch capacity, necessary

assurance of quality production, GMP / CGMP, and list of qualified technical and supervisory staff working in the production and quality control departments in the manufacturing plants.

(g) The bidder shall provide a list of plant, major machinery and equipment installed in the factory. In case of imported items, the profile / credentials of the foreign Manufacturer in the respective foreign country shall be provided along with bid.

14. Documents Establishing Good's Eligibility and Conformity Bidding Documents:

i. The bidder shall furnish along with Technical Proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods, which the bidder proposes to supply under the Contract.

ii. The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods offered which a certificate of origin issued by the Manufacturer shall confirm.

15. **Bid Security** @ 2% of the total bid amount in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawalpindi from any schedule bank shall be furnished by the bidder **along with financial offer**.

16. Bid Validity

i. Bids shall remain valid for the period of **Three (3) Months** after the date of opening of Technical Bid, prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

ii. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

iii. bidders who,-

(a) Agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and

(b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities (earnest money).

17. Format and Signing of Bid:

i. The bidder shall prepare and submit its bid along with original purchase receipt. The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid, except for un-amended printed literature.

ii. Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

SUBMISSION OF BIDS

18. Sealing and Marking of Bids

i. The envelopes shall be marked as **"FINANCIAL PROPOSAL"** and **"TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion. The inner and outer envelopes shall be sealed and:

ii. Be addressed to the Procuring Agency at the address given in the Invitation for Bids and;

iii. Bear the name and number indicated in the Invitation for Bids.

iv. The inner envelopes shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared as "non-responsive" or "late".

v. If the outer as well as inner envelopes are not sealed and marked as required by instruction to bidders, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening and shall be rejected forth with.

19. Deadline for Submission of Bids:

Bids must be submitted by the bidder and received by the Procuring Agency at the address specified under instruction to bidders, not later than the time and date specified in the Invitation for Bids. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with instruction to bidders, in which case all rights and obligations of the Procuring Agency and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

20. Late Bid: Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall be rejected and returned unopened to the bidder

21. Withdrawal of Bids: The bidder may withdraw its bid after the bid's submission and prior to the deadline prescribed for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in instruction to bidders.

OPENING AND EVALUATION OF BIDS

22. Opening of Bids

i. The Procuring Agency shall initially open only the envelope marked **"TECHNICAL PROPOSAL"** in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation for Bids. The bidders' representatives who are present shall sign the Attendance Sheet evidencing their attendance. However, the envelope marked as **"FINANCIAL PROPOSAL"** if it is sealed shall be retained in the custody of Procuring Agency without being opened and till completion of the evaluation process.

ii. The bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal / bid opening, except for late bids, which shall be returned unopened to the bidder. However, at the opening of Financial Proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

iii. The Procuring Agency shall prepare minutes of the bids opening (technical and financial).

23. Clarification of Bids: During evaluation of the bids, the Procuring Agency may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted

24. Preliminary Examination

i. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

ii. In the financial bids the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid shall be rejected, and its bid Security may be forfeited. If there is a discrepancy between words and figures, the amount in words shall prevail.

iii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

iv. Prior to the detailed evaluation, the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning

Applicable Law, Taxes & Duties shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

v. If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the bidder by correction of the nonconformity.

25. Evaluation & Comparison of Bids

i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.

ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, previous test reports, inspection of plant/ factory / premises (if not previously conducted), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to instruction to bidders.

iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.

iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

26. Evaluation Criteria:

i. For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, inspection of plant / factory /premises, previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate shall be taken into consideration. The following merit point system for weighing evaluation factors/ criteria can be applied for the **TECHNICAL PROPOSALS**. The number of points allocated to each factor shall be specified in the Evaluation Report.

Evaluation Criteria:

Name of Firm: _____

S#	Parameters	Detail			Mark	Remarks
1	Bidder's Past Performance (Last one year) As per Bid Form 4	Major institutions served:			15	Institutions include Government departments and private hospitals.
		i.	No any institution served	0		
		ii.	1	3		
		iii.	2 to 3	5		
		iv.	4 to 5	8		
		v.	6 to 7	12		
		vi.	8 and above	15		
2	Bidder's Market experience in quoted items	i.	1-3 years	2	5	Bidders having less than 1 year experiences are ineligible. Experience will be confirmed from the date of registration.
		ii.	3-5 year	4		
		iii.	Above 5 years	5		
3	Manufacturer credibility & certification	i.	Valid GMP Certification	5	20	GMP certificate issued by the concerned drug regulatory authority is required.
		ii.	Valid ISO Certification	3		
		iii.	Certificate FDA	6		
		iv.	CE (MDD) MHLW	6		
4	Bidder's Financial status	i.	Last year audited balance sheet	7	15	Bank statements are not required. Bidder can provide more than one bank certificates.
		ii.	Tax returns last three years	5		
		iii.	Bank Certificate	3		
	Technical / Engineering	i.	Engineers	Less than 2-DAE 1	25	The bidder is required to attach

5	Capacities				3 to 5	2	attested copy of the relevant degree and appointment letter of concerned technical staff.
					6 & Above	3	
			ii.	Training on the quoted products	Less than 2 train engineers locally	1	
					3 or more	2	
					Less than 2 train engineers Abroad	2	
					More than 3 train engineers Abroad	3	
			iii.	Calibration / Repair Tools	Repair Tools	2	
					Calibration Tools	2	
			iv.	Inventory	Minor Parts	2	
					Major Parts	2	
					Spare Machines	3	
6	Manufacturer Production capacity	Per day production capacity of quoted items against the total advertised quality.				10	The bidder is required to attach the certificate.
			i.	Less than 1%		0	
			ii.	1%		5	
			iii.	1.1 % – 1.5 %		7	
			iv.	1.6% - 2%		10	
7	Product Demonstration / Presentation		i.	Excellent		10	10 Bidder will give Demonstration / presentation to the end user.
			ii.	Good		7	
			iii.	Satisfactory		5	
			iv.	Unsatisfactory		0	

Total marks: 100 **Total marks Obtained: _____**

Qualifying marks 70

Note:

- **Check list and summary page shall be provided by the firm concerned**
- **Warranty of the product offered by company is mandatory**

2. SCHEDULE OF REQUIREMENT:

MODE OF PENALTY	**100% QUANTITY AS PER PURCHASE ORDER**	**TOTAL DELIVERY PERIOD**
WITHOUT PENALTY	45 days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 30 days of Purchase Order	45 Days	90 Days

i) 100% complete information according to the bid evaluation criteria provided by the firm will get maximum marks. **THE INFORMATION PROVIDED BY THE FIRM SHOULD BE RELEVANT, CONCISE AND TO THE POINT AS PER BID EVALUATION CRITERIA, UN NECESSARY DOCUMENTATION WILL HAVE A NEGATIVE IMPACT.**

ii) After technical evaluation is completed, the Procuring Agency shall inform the bidders who have submitted proposals the technical scores obtained by their technical proposal, and shall notify those bidders whose proposal did not meet the minimum qualifying mark which is **70%** or were considered non responsive, that their financial proposals shall be returned unopened after completing the selection process. The Procuring Agency shall simultaneously notify in writing bidders that have secured the minimum qualifying marks, the date, time and location for opening the financial proposals. Bidders' attendance at the opening of financial proposals is optional.

iii) Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to attend. The name of the bidders and the technical score of the bidder shall be read aloud. The financial proposal of the bidders who met the minimum qualifying marks shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened and the quoted price read aloud and recorded.

27. Contacting the Procuring Agency: No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Procuring Agency, it should do so in writing. Any effort by a bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the bidder's bid. Canvassing by any bidder at any stage of the Tender evaluation is strictly prohibited. Any infringement shall lead to disqualification in addition to any other penalty Procuring Agency may in its discretion impose.

28. Qualification & disqualification of bidders: The Procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by firm was false and materially inaccurate or incomplete.

29. Rejection of Bids: The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds. The Procuring Agency incurs no liability, solely towards bidders who have submitted bids. Notice of the rejection of any or all bids shall be given promptly to the concerned bidders that submitted bids.

30. Re-Bidding: If the Procuring Agency rejected all bids, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement under the Punjab Procurement Rules-2014. The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for bidders, as it may deem necessary.

31. Announcement of Evaluation Report: The Procuring Agency shall declare the results of bid evaluation prior to the award of procurement contract.

AWARD OF CONTRACT

32. Acceptance of Bid and Award criteria

The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Provincial Government, shall be awarded the Contract, within the original or extended period of bid validity.

33. Procuring Agency's right to vary quantities at time of award

The Procuring Agency reserves the right at the time of Contract's award to increase or decrease, the quantity of goods originally specified in the Price schedule and Schedule of Requirements without any change in unit price or other terms and conditions.

34. Limitations on negotiations

Negotiations may not relate to the price or substance of tenders or proposals specified by the bidder in his tender, but only to minor technical, Contractual or logistical details.

I. As guidance only, negotiations may normally relate to the following areas:

- Minor alterations to technical details, such as the terms of reference, the scope of work, the specification or drawings;

- Minor amendments to the Special Conditions of Contract;
- Finalizing the payment arrangements;
- Mobilization arrangements;
- Agreeing final delivery or completion schedules to accommodate any changes required by the procuring agency;
- The proposed methodology or staffing;
- Inputs required from the procuring agency;
- Clarifying details that were not apparent or could not be finalized at the time of bidding;
- The bidder's tax liability in Pakistan, if the bidder is a foreign company.
- Negotiations shall not be used to:
- Substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- Substantially alter the terms and conditions of Contract;
- Reduce unit rates or reimbursable costs, provided that in case of exceptional circumstances like exorbitant rate, rates higher than prevailing market rates, negotiation may be adopted;
- Reduce work inputs solely to meet the budget; or
- Substantially alter anything which formed a crucial or deciding factor in the evaluation of the Tenders or proposals.

35. Notification of Award

i. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful bidder in writing by registered letter, to be confirmed in writing by registered letter, that its bid has been accepted.

ii. The notification of award shall constitute the formation of the Contract.

36. Signing of Contract

i. At the same time as the Procuring Agency notifies the successful bidder that its bid has been accepted, the Procuring Agency shall send the bidder the Contract Form provided in the bidding documents, incorporating all agreements between the Parties.

ii. Both the successful bidder and the Procuring Agency shall sign with date the Contract on the legal stamp paper. Thereafter, the Procuring Agency shall issue Purchase Order. If the successful bidder, after completion of all Codal Formalities shows inability to sign the Contract then the firm shall be blacklisted minimum for two years. In such situation, the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

37. Performance Guaranty/ Security

i. On the date of signing of Contract, the successful bidder shall furnish the Performance Guaranty / Security **5%** in accordance with the Conditions of Contract, in the Performance Guaranty / Security Form provided in the bidding documents.

ii. Failure of the successful bidder to comply with the requirement of instructions to the bidders shall constitute sufficient grounds for the annulment/termination of the award and forfeiture of the bid Security, in which event the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

38. Corrupt or Fraudulent Practices

(a) The Procuring Agency requires that the Procuring Agency as well as bidders/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of this policy, the Procuring Agency defines, for the purposes of this provision, the terms set forth below as follows:

i. **"corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and

ii. **fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;

(b) Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question;

(c) Shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Contract; onus of proof will be on the firm.

GENERAL CONDITIONS OF CONTRACT

1) **Definitions:** In this Contract, the following terms shall be interpreted as indicated against each;
   i) "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
   ii) "**The Contract Price**" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
   iii) "**The Goods**" means Machinery / Plants
   iv) "**The Services**" means those services ancillary to the supply of goods, such as instruments / equipments.
   v) "**The Procuring Agency**" means the Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi
   vi) **"The Supplier**" means the individual or firm supplying the goods under this Contract.

2) **Application:** These General Conditions shall apply to the extent that they are not inconsistent / superseded by provisions of other parts of the Contract
3) **Country of Origin:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For the purposes of this clause, "origin" means the place where the goods are produced through manufacturing or processing, or the place from which the related services are supplied.
4) **Standards:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.
5) **Use of Contract Documents and Information**
   i) The Supplier shall not disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.
   ii) The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in condition of contract except for purposes of performing the Contract.
   iii) Any document, other than the Contract itself, enumerated in condition of contract shall remain the property of the Procuring Agency and shall be returned if so required by the Procuring Agency.
   iv) The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier.
6) **Patent Rights:** The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
7) **Submission of Samples:** The Supplier shall provide **samples (free of cost)** of the product to procuring agency according to the specs.
8) **Ensuring intimation of storage arrangements:** To ensure storage arrangements for the intended supplies, the Supplier shall inform the Consignee one week in advance.
9) **Inspections and Test / Analysis**
   i. The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.
   ii. For the purpose of inspections and tests of Machinery / Plants Materials, the Supplier shall inform the Rawalpindi Institute of Cardiology Rawalpindi at least 15 working days in advance when all or any specific consignment / installment of goods is manufactured and ready for inspection. The inspection team from Rawalpindi Institute of Cardiology Rawalpindi shall inspect the quantity, specifications of goods. The Supplier shall furnish all reasonable facilities and assistance including access to drawings and production data to the inspectors at no charge to the Procuring Agency. However, if the Supplier proves an

undue delay in conduct of inspection on the part of Procuring Agency, the Supplier shall not be liable for penalty on account of that delay. The cost of such lab tests shall be borne by the Manufacturer / Supplier.

iii. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the goods either at Supplier's premises or upon arrival at Consignee's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.

iv. Procuring Agency or its representative shall have the right to inspect and /or to test the goods to confirm their conformity to the specifications of the contract at no extra cost to the Procuring Agency.

v. The inspection committee constituted by the Consignee shall inspect the quantity, specifications of goods. The cost of the lab tests shall be borne by the Supplier.

vi. The supplier will be responsible for free replacement of stocks if the same is not found to be of the same specifications as required in the Invitation of Bids / Substandard /Spurious / Misbranded / Expired. Moreover, it will replace the unconsumed expired stores without any further charges.

vii. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the arrival at Procuring Agency's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.

viii. Nothing in General Conditions of Contract shall in any way release the Supplier from any warranty or other obligations under this Contract.

10) **Physical examination of** instruments / equipments.

i) The Inspection committee constituted by the consignee shall carry out the physical examination after receipt of supplies for checking quality / quantity of the goods supplied.

ii) If the Goods supplied are found during physical examination / inspection to be against the required specifications, approved samples, etc., even if it is of standard quality, the Procuring Agency may reject the goods, and the Supplier shall either replace the rejected goods or arrange alterations necessary for rectification of observation, to meet the required specifications free of cost. Replacement in lieu of the rejected supplies must be completed within **20** days from the date of communication of decision to the Manufacturer / Supplier by the Concerned Authority. In case after replacement or alteration, the Inspection Committee again declare the item as of against the required specifications, the supply would completely be rejected and the proportionate amount of performance security of the concerned installment would be forfeited to the government account and the firm shall be blacklisted minimum for one year. However, if the entire supplies/ installments are declared as of against the required specifications, the entire performance security shall be forfeited and the firm shall be blacklisted minimum for two years; onus of proof of innocence shall be on the supplier.

11) **Delivery and Documents:** The Supplier in accordance with the terms specified in the Bidding Documents shall make delivery of the goods. The details of documents to be furnished by the Supplier are specified in Special Conditions of the Contract.

12) **Insurance:** The goods supplied under the Contract shall be delivered duty paid.

13) **Transportation:** The Supplier shall arrange such transportation / cold chain maintenance of the goods as is required to prevent their damage or deterioration during transit to their destination. The goods shall be delivered in Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi on the risk and cost of the Supplier. All taxes shall be borne by the Supplier. Transportation including loading / unloading of goods shall be arranged and paid for by the Supplier.

14) **Incidental Services:** The Supplier shall be required to provide the incidental services as specified in Special Conditions of the Contract and the cost of which should be included in the total bid price.

15) **Payment:** The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of the Contract. The currency of payment is Pak. Rupees.

16) **Prices:** Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the original bid validity period provided the Procuring Agency's request for bid validity extension.

17) **Contract Amendments:** No variation in or modification of the terms of the Contract shall be made except by written amendment signed by both the Parties.

18) **Subcontracts:** The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.

19) **Delays in the Supplier's Performance:** Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its

cause(s). The Procuring Agency may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Procuring Agency by amendment of Contract. A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon without the application of liquidated damages.

20) **Penalties/liquidated Damages:** In case of late delivery beyond the presented period, penalty as specified in Special Conditions of Contract shall be imposed upon the Supplier. The above Late Delivery (LD) is subject to General Conditions of Contract including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
21) **Termination for Default:** The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part, if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency; or if the Supplier fails to perform any other obligation(s) under the Contract and if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract
22) **Force Majeure:** Notwithstanding the provisions of general conditions of contract the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargos. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of Health Department, constituted for Redressal of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.
23) **Termination for Insolvency** the Procuring Agency may at any time terminate the Contract by giving written notice of one month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

24) **Arbitration and Resolution of Disputes:** The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties
25) **Governing Language:** The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.
26) **Applicable Law:** This contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

27) **Notices**

i) Any Notice given by one party to the other pursuant to this contract shall be sent to the other party in writing and confirmed to other party's address specified in Special Conditions of Contract.

ii) A notice shall be effective when delivered or on the notice's effective date, whichever is later

SPECIAL CONDITION OF CONTRACT

1. **Definitions** In this Contract, the following terms shall be interpreted as indicated against each;
   a. "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
   b. The **Supplier:** is the individual or firm supplying the goods under this contract.
2. **Country of Origin:** All goods and related services to be supplied under the contract must be from that origin / country as indicated under general conditions of the contract.
3. **Bid Security.** 2% of the total bid money in the shape of Call Deposit (CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi to be submitted **with financial bid**.
4. **Performance Guaranty/ Security:** After signing of contract, the successful bidder shall furnish the Performance Guaranty/Security equivalent to **2%** of the total Contract amount in the shape of CDR/ Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi from any of the scheduled banks in accordance with the conditions of the tender inquiry on the prescribed format.
5. **Inspection and Tests:** Inspection of Machinery / Plants at final acceptance shall be in accordance with the conditions of contract. After delivery at Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi, the goods shall be inspected /examined by the Inspection Committee, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi to physically check the goods in accordance with the approved sample and terms / conditions of the Contract. The Committee shall submit its inspection report to Procuring Agency along with invoice / bills / delivery Challan. In case of any deficiency, pointed out by the Inspection Committee in the delivered goods, the Supplier shall be bound to rectify it free of cost.
6. **Delivery and documents:** The Supplier shall provide the following documents at the time of delivery of goods to Consignee' end for verification and onward submission to quarter concerned, duly completed in all respect for payment.
   i) Original copies of Delivery Note / Challan (in duplicate) showing name of destination to which delivery is to be made, item's description, batch No(s), Registration No, manufacturing and expiry date and quantity.
   ii) Original copies of the Supplier's invoices (in duplicate) showing warranty, name of Procuring Agency /destination to which delivery is to be made, item's description, Batch No, Registration No, manufacturing and expiry date, quantity, per unit cost, and total amount.
   iii) Original copies of the Sales Tax Invoices (where applicable) in duplicate showing name of destination to which delivery is to be made, item's description, quantity, per unit cost (without GST), amount of GST and total amount with GST.
7. **Insurance** The goods supplied under the Contract shall be delivered duty paid, under which the risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility therefore, they may arrange appropriate coverage.
8. **Incidental Services**

   The following incidental services shall be provided and the cost of which should include in the total bid price.

   a. The bidder shall supply instruments / equipments as per tender requirement along with complete literature (Leaflet).

   b. If the Supplier / bidder charged the prices of incidental services separately in the financial bid and not included in the Contract price of goods, the same shall be included prior to comparison of rates with the other bidders.
9. **Payment**

   A. The Payment shall be in Pak Rupees.

   B. The payment shall be made to the Supplier on receipt of original delivery Challan(s) and invoice(s) including those of GST (if applicable) in duplicate duly completed in all respect and signed & stamped by the store officer / signed and stamped by Consignee, along with physical inspection report, carried out by the Committee, with certificate and test / analysis report to the effect that the supplies conform to specifications.

C. The laboratory test / analysis charges of sample either against the tender or bulk supplies shall be borne by the Supplier.

10. **Penalties/ Liquidated Damages**

    a. In case where the deliveries as per contract are not completed within the time frame specified in the schedule of requirement, the Contract to the extent of non-delivered portion of supply may be cancelled followed by a Show Cause Notice. No supplies shall be accepted and the amount of Performance Guaranty/ Security to the extent of non–delivered portion of supplies of relevant item shall be forfeited and the firm shall be blacklisted minimum for a period of one year. If the firm fails to supply the whole installments, the entire amount of Performance Guaranty/ Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for a period of two year. Onus of proof of innocence shall be on the supplier.

    b. In case of late delivery of goods beyond the periods specified in the schedule of requirements, **penalty @ 2% per month, 0.067% per day** of the cost of late delivered supply shall be imposed upon the Supplier.

11. **Arbitration and Resolution of Disputes:** In case of any dispute, concerning the interpretation and / or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole *ARBITRATOR*. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
12. **Governing Language:** The language of this Contract shall be in English.
13. **Applicable Law:** This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

Notices

Supplier's address for notice purpose	**Procuring Agency's address for notice purposes shall be the;**
----------	**Executive Director** **Rawalpindi Institute of Cardiology** **Rawalpindi**

Note: All assessments and procuring procedures i.e. receiving, opening and awarding etc. shall be governed by the Punjab Procurement Rules, 2014.

PERFORMANCE GUARANTY/ SECURITY FORM (CDR)

To: *[Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi]*
_____

Whereas *M/S* _____ (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No._____ dated _____ to supply Machinery / Plants (hereinafter called "the Contract"). And whereas, it has been stipulated by you in the said Contract that the Supplier shall furnish you CDR/ Bank Guarantee, issued by a scheduled bank for the sum of 2% of the total Contract amount as a Security for compliance with the Supplier's performance obligations in accordance with the Contract.

Name of the bidder _____
Father, s Name_____
Address of bidder / Firm_____
NIC #_____
Designation._____
Signature _____
Stamp_____

MANUFACTURER'S AUTHORIZATION FORM

To: *[name of Purchaser]*
_____

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against No. *[Reference of the Invitation to Bid]* for the goods manufactured by us. We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids. *[Signature for and on behalf of Manufacturer]*

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the bidder in its bid.

CONTRACT FORM

THIS CONTRACT is made at ----------on---------- day of---------- 2014, between the Executive Director Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi (hereinafter referred to as the "Procuring Agency") of the First Part; and M/s *(firm name)* a firm registered under the laws of Pakistan and having its registered office at *(address of the firm)* (hereinafter called the "Supplier") of the Second Part (hereinafter referred to individually as "Party" and collectively as the "Parties").

WHEREAS the Procuring Agency invited bids for procurement of goods, in pursuance where of M/s *(firm name)* being the Manufacturer/ Sole Agent of (item name) in Pakistan and ancillary services offered to supply the required item (s); and Whereas the Procuring Agency has accepted the bid by the Supplier for the supply of *(item name)* cost per unit,

NOW THIS CONTRACT WITNESSES AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General/ Special Conditions of this Contract hereinafter referred to as "Contract":
2. The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz:-
   a. *Price Schedule submitted by the bidder,*
   b. *Technical Specifications;*
   c. *General Conditions of Contract;*
   d. *Special Conditions of Contract; and*
   e. *Procuring Agency's Award of contract; and*
   f. *Purchase Order*
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.
5. *[The Supplier]* hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit form Government of Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Punjab) through any corrupt business practice.
6. Without limiting the generality of the foregoing, [the Seller/ Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc., paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Punjab, except that which has been expressly declared pursuant hereto.
7. *[The Supplier]* certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
8. *[The Supplier]* accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any Contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Procuring Agency under any law, Contract or other instrument, be void able at the option of Procuring Agency.
9. Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, *[The Supplier]* agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by *[The Supplier]* as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency.

10. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. **The Additional Chief Secretary** or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
11. This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.
12. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
13. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration
14. Partial supply shall not be accepted.
15. Quality/quantity of Machinery / Plants supplied will be checked by the concerned hospital through inspection committee notified by the concerned Executive Directors.
16. The supply shall not be accepted if found substandard. The seller shall be bound to replace the substandard stores immediately.
17. Seller shall ensure timely, continuous / uninterrupted supply of Machinery / Plants to the end users as per demand throughout the contract period.
18. The seller shall have to supply such quantity as ordered.
19. The seller shall provide free delivery of Machinery / Plants to consignee at the concerned hospital store.
20. If the rates charged by the seller are found higher than the market rates the extra money charged shall have to be refunded by the seller.
21. Payment will be made by the end users as per rules after completion of all codal formalities.
22. In case of breach of terms & conditions of contract agreement security of the seller shall be forfeited.
23. This contract agreement shall remain valid till 30th June, 2015.
24. The seller will be responsible to refund any excess amount paid due to any error in calculation or mistake in evaluating the offer.

IN WITNESS Whereof the Parties hereto have caused this Contract to be executed at_____ (the place) and shall enter into force on the day, month and year first above mentioned.

NAME _____
FATHER'S NAME _____
DESIGNATION _____
ADDRESS _____
NIC # _____
SIGNATURE & STAMP _____

EXECUTIVE DIRECTOR
RAWALPINDI INSTITUTE OF CARDIOLOGY
RAWALPINDI

BID FORM

Date: _____
No. _____

To: _____ [Name and address of Procuring Agency]

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver the goods specified in and in conformity with the said Bidding Documents for the sum of *[Total Bid Amount _____], [Bid Amount in words_____]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. If our bid is accepted, we shall furnish performance guarantee / security in the shape of call deposit (CDR) / Bank Guarantee equivalent to 3% of the total contract amount. The CDR / Bank Guarantee shall be in the Name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi. We agree to abide by this bid for a period of **03 months** from the date fixed for bid opening under instruction to the bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that the Procuring Agency is not bound to accept the lowest or any bid, Procuring Agency may receive.

Name and address of agent ---------- Amount ----------
(If none, state "none")."
Dated this _____day of _____20__.

Signature (in the capacity of) duly authorized to sign bid for and on behalf of.
Attachment

PRICE SCHEDULE MACHINERY / PLANTS IN PAK RUPEES
Name of bidder_____
No. _____

Sr. No.	Item	Accounting Unit	Quantity Required	Unit Price	Total Cost

Sign and Stamp of bidder_____
Note: In case of discrepancy between unit price and total, the unit price shall prevail.

SCHEDULE OF REQUIREMENT
FOR MACHINERY / PLANTS

The supplies shall be delivered within delivery date w.e.f the next date after date of issue of Purchase Order (without penalty), and with prescribed penalty, as per following schedule of requirements:-

MODE OF PENALTY	100% QUANTITY AS PER PURCHASE ORDER	TOTAL DELIVERY PERIOD
WITHOUT PENALTY	45 days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 45 days of Purchase Order	45 Days	90 Days

DEMAND OF MACHINERY / PLANTS FOR 2014-15

S/No	Equipment Name	Qty Req
	MORTUARY	
1	Mortuary Refrigerator (set of 2) Local / Imported	02
	BOILER ROOM	
2	High pressure steam boiler	01
3	Softener (Vessel size 16 x 64") with complete head (manual) fitting UPVC 80 schedule 1/3"	01
	BIO GASES	
4	Medical Oxygen System / Generator	01
	CSSD	
5	Steam disinfection of solid and porous goods (Disinfection of Mattresses, Bed linen, Clothing Waste, Utensils)	01
6	Softener (Vessel size 16 x 64") with complete head (manual) fitting UPVC 80 schedule 1/3"	01

SPECIFICATIONS OF MEDICAL / LAB EQUIPMENTS ABOVE MENTION ITEMS

1. MORTUARY

2-bodies cold chamber
POSITIVE TEMPERATURE +2°C +4°C°
Technical data:

- Panels structure (wall, floor, ceiling)
  Sheet-steel modular panels,
  Insulation: - Unit should have Insulated (at least 80 mm thick) with foamed-in-place polyurethane, CFC-free.

Fire resistance class: Standard M2 - Norme NFP 92-507 or equal The cooling system should have is CFC-free, hermetically encapsulated, with air-cooled, low-noise and vibration-free drive unit, tested and adjusted at the factory.
Machine Should have hermetically encapsulated, air cooled, fully automatic working, with drain for defrost water, continuously operating defrost device (no need to plug out the morgue for defrosting) refrigeration machine built in free from vibration on the top, rear or at the side of morgue, noiseless and maintenance free.
Unit should have high performance evaporator, case of aluminum, , corrosion proof,
Unit Should have 2 distortion free removable roller tracks

- **Corners and joints** in extruded 80 x 80 mm PVC sections, injected with polyurethane foam.
- Base: 42 x 42 mm PVC cross-members or batter..

DIMENSIONS:

SIDE	INNER (approx)	OUTER (approx)
WIDTH	1.50 m	2.00m
DEPTH	2.00m	2.50m
HEIGHT	2.00m	2.50m

LOCKING:

Individual door locks with effective working space

- Airtight neoprene single or double seal simply clipsed on for easy replacement.
- Emergency handle for single door and latch with strike for individual locking doors.

TOP MOUNTED REFRIGERATION UNIT

POSITIVE TEMPERATURE +2°C TO +4°C

TECHNICAL DATA

- For 2-bodies cold chamber.
- Compressor with nominal horse power .
- Power voltage 230, 50-60 Hz.
- For outside temperature: + 40 C .
- Condensing unit placed outside the cold chamber .
- Evaporator with bulk headlight placed inside the cold chamber.
- The evaporation system of condensers means no tubing for water evacuation.
- Automatic defrost program included.

CONTROL PANEL FONCTIONS:

- On/Off switch
- Indicator light for on/off position
- Indicator light for defrost
- Switch on/off for bulkhead light
- Digital temperature screen
- Temperature alarm
- Dry contact « ON » available for alarm reporting system
- Voltage regulator

2. BOILER:

HIGH PRESSURE BOILER

Fire tube natural gas high pressure boiler, of specification mentioned below. The boiler shall be complete with burner, burner controls, gas train feed water pumps, feed water tank, safeties, explosion doors, automatic controls, and any other accessories required to complete the installation and to bring the units to operational state.

Boiler Capacity.

BOILER	Gas, High Pressure Steam Boiler Tube.
Steam generation Rate	1500 Kg/Hr Or batter.
Working Pressure	150 psig
Fuel	Natural gas
Burner	Front end flange mounted complete packaged including Control and power panel.
Type of Boiler	Fire Tube, four/Three pass.
Power Supply Electric	400/3/50.

PRESSURE VESSEL

Pressure vessel consisting of primarily shell fire tubes, tube plates and furnace, made from material as specified by the A.S.M.E. code, duly approved by the internationally renowned agency and stamped for compliance. Appropriate certificate to this effect is to be made available upon demand

a) Complete manufacturing process is to be further inspected by the inspecting agency at various stages of construction.
b) All welds and procedures adopted are to be strictly in accordance with the A.S.M.E. codes.

All tubes are to be rolled and, 2nd pass entry tubes are to be further welded to the rear and front tube sheets, as provided for in the code. All weldedof the code.
Various openings for connecting of services or installation of safety devices are to be provided and reinforced as per the A.S.M.E. code.

STRESS RELLEVING

After the construction of the pressure vessel the entire unit is to be hydraulic tested and then relieved of stresses in a properly designed & appropriate facility.
Stress relieving is to be witness by the local representative of the inspecting agency. A certificate to this effect is to be provided.

After removal of the Unit from the stress relieving chamber it is to be again hydraulic tested. This test is to be witnessed by the appropriate inspecting agency. A certificate to this effect is to be also provided.

BURNER.

a) The Burner should be imported one, packaged type, fronted end mounted, factory tested and easily removable type.
b) Complete packaged burner shall be imported from U.S.A. or Europe to be forced draft combustion air system, utilizing a heavy duty backward curved impeller in a fully machined cats housing. Air housing should be of open able type for inspection and service of firing head components without detaching the burner from the boiler front end.
c) Complete burner assembly is to be bolted to the front end of the boiler through the use of flange.
d) Burner should be suitable to burn natural gas.
e) High turn down capability is to assure smooth starts and response to wide load demands. The control switches, should permit selection of fixed rate or fully modulating operation.
f) Gas and combustion air are to be intimately mixed in the combustion zone. Flash back is to be avoided as possible.
g) The burner is to be listed by underwriters laboratory & carry a U.L. certification however other regulatory agency inspecting & stamping options are also acceptable subject to approval by the engineer. Burner is to be completely assembled, wired and tested at the

factory. Main gas train components like PRV, gas cock etc are to be shipped by the burner manufacturers.

Controls.

1. 220/50/1 control circuit.
2. Burner mounted control panel.
3. Motor starters for 400/50/3.
4. Panel signal lights for, power "ON" ignition, flame fail, manual/auto, Gas operation.
5. Full modulation with manual potentiometer.
6. Flame safeguard controller with ultraviolet flame detector. Controller to be of the "Self check" design.
7. Combustion air interlock (switch).

3. Medical Oxygen System / Generator

Oxygen generator produces from 20 to 5000 cubic feet of oxygen per hour at up to 95.5% oxygen concentration.

Features

- Produces oxygen from an independent compressed air source.
- Microprocessor controlled.
- Low operating cost.
- Automatic and unattended operation.
- Easy to maintain.
- Touch screen control panel with integrated oxygen concentration monitor.
- Product Pressure: Minimum 150psi or 10bar
- Product concentration: Minimum 93%.
- Product dew point: $-100^{o}F$ ($-73^{o}C$)
- Operating Power: 220V, 50/60 Hz
- Reserve oxygen tank capacity: 2000 ^{3}m

Feed and waste product manifold consist of:

- Particle general purpose filter rated at 5 micron for removal of solid contaminants and bulk liquid
- High efficiency coalescing filter rated at 0.01 micron for removal of fine oil missed and microscopic particles
- Activated carbon adsorption filter for removal of oil ,vapour odors
- 2-way Feed and waste internal pilot operated open-frame, general purpose, watertight solenoid valves
- Oxygen receivers complete with two stage oxygen regulator ,pressure relieve valve and bacteria filter assembly

Warranty: 3 years warranty including parts, service kits and PPM.

Complain attend time / Backup Support: Within an hour

Complete operating & service manual must be supply.

Operational & service training should be done.

Country of origin: USA ,Europe,Japan

4. **Steam disinfection of solid and porous goods (Disinfection of Mattresses, Bed linen, Clothing Waste, Utensils)**

To be used for Disinfection of :

- Mattresses
- Bed Linen
- Clothing
- Waste
- Utensils

According to 93/42/EEC MDD and CE marked.
Capacity according to Din 13014-M 2000:6 mattresses
All processes should be valid table and run fully automatically by following pulsing vacuum method.
The processing of the goods should be traceable and verifiable.
Auto start function to start the vacuum program and preheating of the chamber.
Standby function should automatically be activated upon completion of the last program cycle.
Display of remaining cycle time.
Touch screen for program menu and operation of the machine.
With built-in electric steam generator and connection for central steam supply.
Two stage water ring vacuum pump with water saving system.
The batch protocol can be printed either on an integrated /external printer. In addition, process data can be transferred to a PC for storage.

- Air filter for the decontamination of exhausted air.
- Side facing and additional panelling.
- Loading carts
- Mobile containers for the transport of infectious goods.

Country of origin: USA,Europe.Japan

RAWALPINDI INSTITUTE OF CARDIOLOGY

BIDDING / TENDER DOCUMENT FOR PROCUREMENT

OF

MEDICAL & LABORATORY EQUIPMENTS

(2014-2015)

CHECK LIST

S #	***DETAIL***	***YES / NO***	***PAGE #***
	KNOCK OUT CLAUSES		
1	Original receipt for purchase of tender		
2	Valid National ID Card (NADRA)		
3	Company profile (Name, Address, Tel No)		
4	Acceptance of terms and condition of tender documents duly signed and stamped		
5	Min one years' experience in supplying to Government / Autonomous institutions		
6	An affidavit on stamp paper of Rs.100/- submitting that the firm is never blacklisted on any grounds whatsoever from Government / Autonomous institutions		
7	Price should not be mentioned on technical bid, if mentioned, bid will be cancelled		
8	Valid National Tax Number		
9	Valid General Sale Tax certificate		
10	Valid Professional Tax certificate if applicable		
11	Fresh CDR / Bank Guarantee		
12	The bidder must possess valid authorization / agreement from the Foreign Manufacturer or certificate being a Manufacturer		
13	The Manufacturer should have documentary evidence to effect that they are the original Manufacturer of the quoted product with indication of manufacturing site and its location		
	GENERAL CLAUSES		
1	Detail of staff / profile of company		
2	Supply orders detail over last two years (minimum) from Government organization / Autonomous institutions and private organizations.		
3	An affidavit on stamp paper of Rs.20/- that the bidder shall provide Medical & Laboratory Equipments to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi as per Demand / Orders.		

INVITATION FOR BIDS

RAWALPINDI INSTITUTE OF CARDIOLOGY RAWAL ROAD, RAWALPINDI

Reference No: RIC/ PO/2672/14, Dated: 22-12-2014

The Rawalpindi Institute of Cardiology invites sealed bids from the eligible bidders for supply of material to meet the requirement of Rawalpindi Institute of Cardiology. Detailed description and quantities of material are given in the Bidding Documents.

Interested eligible bidders may get the Bidding Documents at the address mentioned below on submission of written application along with payment of non-refundable fee of Rs. 1000/-. Bidding Documents shall be issued up to **10-01-2015 on 02:00 PM** However, a copy of the Bidding Documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) and http://health.punjab.gov.pk until the closing date for the submission of bids.

Bidding will be conducted through Single Stage – Two Envelopes bidding procedure as per Punjab Procurement Rules 2014

Bids must be delivered to the address below at or before **11:00 AM on 13-01-2015** Bid security of 2% of the total bid value in the shape of call deposit (CDR) / Bank guarantee should be **attached with the financial bid**. Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below at **11:30 AM on 13-11-2015**. The Bidders are requested to give their best and final prices.

Executive Director
Rawalpindi Institute of Cardiology
Rawal Road, Rawalpindi

Bid Data Sheet

ITB Ref	Descrip	Detail
N/A	Bid reference number	RIC/ PO/2672/14, Dated: 22-12-2014
N/A	Commencement of sale of Bidding Document	After one day of publishing of advertisement in newspaper.
N/A	Last date of sale of Bidding Document	10-01-2015 on 02:00 PM
ITB Clause 24	Last date and time for the receipt of bidding	13-01-2015 on 11:00 AM
N/A	Pre-bid meeting date, time and venue	12-01-2015 on 11:00 AM at Conference Room RIC, Rawalpindi
ITB Clause 27	Date, time and venue of opening of technical Bids	13-01-2015 on 11:30 AM Conference Room RIC, Rawalpindi
ITB Clause 16	Bid currency	PKR
ITB Clause 13	Language of bid	English or Urdu
ITB Clause 20	Amount of bid security	2% of the total bid value
ITB Clause 21	Bid validity period	90 Days
ITB Clause 09	Bidding procedure	Single stage – Two Envelop procedure
ITB Clause 27	Address for communication: **Executive Director Rawalpindi Institute of Cardiology** **Rawal Road, Rawalpindi**	

INSTRUCTIONS TO BIDDERS

1. **Source of Funds:** The Government of Punjab, Health Department has allocated funds for the purchase of Medical & Laboratory Equipments to the individual institution under their relevant Head of Account which will be utilized by Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi for the purchase of Medical & Laboratory Equipments during the financial year 2014-15. Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi intends to fix the price / conclude the contract for the supply of Medical & Laboratory Equipments on Free Delivery to Consignee's end basis directly to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi

2. **Eligible bidders**: This Invitation for Bids is open to all printers having income tax/sale tax registered distributors/suppliers for the supply of Medical & Laboratory Equipments on Free Delivery to Consignee's end basis. The bidder shall also have to submit a copy of registration certificate and Memorandum of Association / Partnership deed registered with the Registrar of Companies in Pakistan. The bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices, declared by any Government (Federal/Provincial/District), a Local Body or a Public Sector Organization.

3. **Eligible Goods and Services:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term **"Goods"** includes any Goods that are the subject of this Invitation for Bids and the term "**Services**" shall include related services such as transportation, insurance etc. The **"origin**" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced through manufacturing or processing, or substantial and major assembly of ingredients / components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

4. **Cost of Bidding:** The bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the manner or outcome of the bidding process.

NOTE: List of required items with specifications is attached at the end of this document.

THE BIDDING DOCUMENTS

5. Content of Bidding Documents

i. The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the invitation for bids, the bidding documents shall include:-

a) Instructions to bidders;
b) General Conditions of Contract;
c) Special Conditions of Contract;
d) Schedule of Requirements;
e) Technical Specifications;
f) Manufacturer's Authorization Form;
g) Performance Guaranty Form;

ii. The **"Invitation for Bids"** does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed above, the said Bidding Documents shall take precedence.

iii. The bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents.

iv. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the bidder's risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents: A prospective bidder requiring any clarification of the bidding documents may notify the Procuring Agency, in writing at the Procuring Agency's address, indicated in the Invitation for Bids. The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives no later than ten (10) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective bidders that have received the bidding documents. Pre-bid conference will also on the date 12-01-2015 and time 11:00 am mentioned in Bid Data Sheet at the Conference Room of RIC.

7. Amendment of Bidding Documents: At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment. All prospective bidders that have received the bidding documents shall be notified of the amendment in writing or by phone, and shall be binding on them. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.

PREPARATION OF BIDS

8. Language of Bid: The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising the Bid: The bid shall comprise the following components:

(a) Bid Form and Price Schedule completed in accordance with instruction to bidders (to be submitted along with financial proposal).
(b) Documentary evidence established in accordance with instruction to bidders that the bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
(c) Documentary evidence established in accordance with instruction to bidders that the goods to be supplied by the bidder are eligible goods and conform to the bidding documents; and
(d) **Bid Security @ 2% of the total value of the bid** in the shape of Call Deposit (Fresh CDR) / bank guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi.

Note: Bid security must be submitted only with Financial Bid. Bid will be rejected if bid security (original or photocopy) is submitted with Technical Bid

10. **Bid Form & Price Schedule:** The bidder shall complete the Bid Form and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their strength, packing, quantity, and prices.

11. **Bid Prices:**
    - **i.** The bidder shall indicate on the appropriate Price Schedule the unit prices and total bid price of the goods, it proposes to supply under the Contract.
    - **ii.** Form of price Schedule is to be filled in very carefully, preferably typed. Any alteration /correction must be initialed. Every page is to be signed and stamped at the bottom. Serial number of the quoted item may be marked with red / yellow marker.
    - **iii.** The bidder should quote the prices of goods according to the technical specifications as provided in the Form of Price Schedule and Technical Specifications. The specifications of goods, different from the demand of bid enquiry, shall straightway be rejected.
    - **iv.** **The bidder is required to offer competitive price. All prices must include the General Sales Tax (GST) and other taxes and duties, where applicable. If there is no mention of taxes, the offered / quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.**
    - **v.** Prices offered should be for the entire quantity demanded; partial quantity offers shall straightaway be rejected. Conditional offer shall also be considered as non-responsive bidder.
    - **vi.** While tendering your quotation, the present trend / inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained.

12. **Bid currencies:** Prices shall be quoted in Pak Rupees.

13. **Documents Establishing bidder's Eligibility and Qualification**
    - **i.** The bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
    - **ii.** The documentary evidence of the bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the bidder, at the time of submission of its bid, is eligible as defined under instruction to the bidders
    - **iii.** The documentary evidence (to be submitted along with technical proposal) of the bidder's qualifications to perform the Contract if its bid is accepted shall establish to the Procuring Agency's satisfaction:

      (a) The Sole Agent / Importer shall have to produce letter of authorization from Manufacturer (Foreign Executive Director) and in case of Manufacturer, documentary proof including manufacturing license / registration certificate, to the effect that they are the original manufacturer of the required specifications of goods, shall be provided.

      (b) National Tax Number (NTN) and General Sales Tax Number (GST) (if applicable) with documentary proof shall have to be provided by each bidder in the tender.

      (c) The bidder shall submit an affidavit on legal stamp paper of Rs. 100/- that their firm is not blacklisted on any ground by any Government (Federal/Provincial/District), a local body or a Public Sector Organization. The bidder shall be debarred from bid on account of submission of false statement.

      (d) The bidder should have minimum **two-year experience in the market**. Similarly, it is mandatory that the item to be quoted by the bidder / Manufacturer should have availability in the market minimum for the **last one year**. Documentary proof shall have to be provided in this regard.

      (e) The bidder is required to provide with the Technical Proposal, the name of item(s) for which they have quoted their rates in the Financial Proposals.

      (f) The bidder must indicate the registration number, make of country of origin / Manufacturer of the Medical & Laboratory Equipments, capacity of production of the firm, its financial status, batch

capacity, necessary assurance of quality production, GMP / CGMP, and list of qualified technical and supervisory staff working in the production and quality control departments in the manufacturing plants.

(g) The bidder shall provide a list of plant, major machinery and equipment installed in the factory. In case of imported items, the profile / credentials of the foreign Manufacturer in the respective foreign country shall be provided along with bid.

14. Documents Establishing Good's Eligibility and Conformity Bidding Documents:

i. The bidder shall furnish along with Technical Proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods, which the bidder proposes to supply under the Contract.

ii. The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods offered which a certificate of origin issued by the Manufacturer shall confirm.

15. Bid Security @ 2% of the total bid amount in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawalpindi from any schedule bank shall be furnished by the bidder **along with financial offer**.

16. Bid Validity

i. Bids shall remain valid for the period of **Three (3) Months** after the date of opening of Technical Bid, prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

ii. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

iii. bidders who,-

(a) Agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and

(b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities (earnest money).

17. Format and Signing of Bid:

i. The bidder shall prepare and submit its bid along with original purchase receipt. The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid, except for un-amended printed literature.

ii. Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

SUBMISSION OF BIDS

18. Sealing and Marking of Bids

i. The envelopes shall be marked as **"FINANCIAL PROPOSAL"** and **"TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion. The inner and outer envelopes shall be sealed and:

ii. Be addressed to the Procuring Agency at the address given in the Invitation for Bids and;

iii. Bear the name and number indicated in the Invitation for Bids.

iv. The inner envelopes shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared as "non-responsive" or "late".

v. If the outer as well as inner envelopes are not sealed and marked as required by instruction to bidders, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening and shall be rejected forth with.

19. Deadline for Submission of Bids:

Bids must be submitted by the bidder and received by the Procuring Agency at the address specified under instruction to bidders, not later than the time and date specified in the Invitation for Bids. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with instruction to bidders, in which case all rights and obligations of the Procuring Agency and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

20. Late Bid: Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall be rejected and returned unopened to the bidder

21. Withdrawal of Bids: The bidder may withdraw its bid after the bid's submission and prior to the deadline prescribed for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in instruction to bidders.

OPENING AND EVALUATION OF BIDS

22. Opening of Bids

i. The Procuring Agency shall initially open only the envelope marked **"TECHNICAL PROPOSAL"** in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation for Bids. The bidders' representatives who are present shall sign the Attendance Sheet evidencing their attendance. However, the envelope marked as **"FINANCIAL PROPOSAL"** if it is sealed shall be retained in the custody of Procuring Agency without being opened and till completion of the evaluation process.

ii. The bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal / bid opening, except for late bids, which shall be returned unopened to the bidder. However, at the opening of Financial Proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

iii. The Procuring Agency shall prepare minutes of the bids opening (technical and financial).

23. Clarification of Bids: During evaluation of the bids, the Procuring Agency may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted

24. Preliminary Examination

i. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

ii. In the financial bids the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid shall be rejected, and its bid Security may be forfeited. If there is a discrepancy between words and figures, the amount in words shall prevail.

iii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

iv. Prior to the detailed evaluation, the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Applicable Law, Taxes & Duties shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

v. If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the bidder by correction of the nonconformity.

25. Evaluation & Comparison of Bids

i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.

ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, previous test reports, inspection of plant/ factory / premises (if not previously conducted), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to instruction to bidders.

iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.

iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

26. Evaluation Criteria:

i. For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, inspection of plant / factory /premises, previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate shall be taken into consideration. The following merit point system for weighing evaluation factors/ criteria can be applied for the **TECHNICAL PROPOSALS**. The number of points allocated to each factor shall be specified in the Evaluation Report.

Evaluation Criteria:

Name of Firm: _____

S#	Parameters	Detail			Mark	Remarks
1	Bidder's Past Performance (Last one year) As per Bid Form 4	Major institutions served:			15	Institutions include Government departments and private hospitals.
		i.	No any institution served	0		
		ii.	1	3		
		iii.	2 to 3	5		
		iv.	4 to 5	8		
		v.	6 to 7	12		
		vi.	8 and above	15		
2	Bidder's Market experience in quoted items				5	Bidders having less than 1 year experiences are ineligible. Experience will be confirmed from the date of registration.
		i.	1-3 years	2		
		ii.	3-5 year	4		
		iii.	Above 5 years	5		
3	Manufacturer credibility & certification	i.	Valid GMP Certification	5	20	GMP certificate issued by the concerned drug regulatory authority is required.
		ii.	Valid ISO Certification	3		
		iii.	Certificate FDA	6		
		iv.	CE (MDD) MHLW	6		
4	Bidder's Financial status	i.	Last year audited balance sheet	7	15	Bank statements are not required. Bidder can provide more than one bank certificates.
		ii.	Tax returns last three years	5		
		iii.	Bank Certificate	3		

5	Technical / Engineering Capacities	i.	Engineers	Less than 2-DAE	1	25	The bidder is required to attach attested copy of the relevant degree and appointment letter of concerned technical staff.
				3 to 5	2		
				6 & Above	3		
		ii.	Training on the quoted products	Less than 2 train engineers locally	1		
				3 or more	2		
				Less than 2 train engineers Abroad	2		
				More than 3 train engineers Abroad	3		
		iii.	Calibration / Repair Tools	Repair Tools	2		
				Calibration Tools	2		
		iv.	Inventory	Minor Parts	2		
				Major Parts	2		
				Spare Machines	3		
6	Manufacturer Production	Per day production capacity of quoted items against the total advertised quality.				10	The bidder is required to attach the certificate.
		i.	Less than 1%		0		
		ii.	1%		5		
		iii.	1.2 % – 1.5 %		7		
		iv.	1.6% - 2%		10		
7	Product Demonstration / Presentation	i.	Excellent		10	10	Bidder will give Demonstration / presentation to the end user.
		ii.	Good		7		
		iii.	Satisfactory		5		
		iv.	Unsatisfactory		0		

Total marks: 100 **Total marks Obtained: _____**

Qualifying marks 70

Note:

- **Check list and summary page shall be provided by the firm concerned**
- **Warranty of the product offered by company is mandatory**

2. SCHEDULE OF REQUIREMENT:

MODE OF PENALTY	**100% QUANTITY AS PER PURCHASE ORDER**	**TOTAL DELIVERY PERIOD**
WITHOUT PENALTY	45days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 30 days of Purchase Order	45 Days	90 Days

i) 100% complete information according to the bid evaluation criteria provided by the firm will get maximum marks. **THE INFORMATION PROVIDED BY THE FIRM SHOULD BE RELEVANT, CONCISE AND TO THE POINT AS PER BID EVALUATION CRITERIA, UN NECESSARY DOCUMENTATION WILL HAVE A NEGATIVE IMPACT.**

ii) After technical evaluation is completed, the Procuring Agency shall inform the bidders who have submitted proposals the technical scores obtained by their technical proposal, and shall notify those bidders whose proposal did not meet the minimum qualifying mark which is **70%** or were considered non responsive, that their financial proposals shall be returned unopened after completing the selection process. The Procuring Agency shall simultaneously notify in writing bidders that have secured the minimum qualifying marks, the date, time and location for opening the financial proposals. Bidders' attendance at the opening of financial proposals is optional.

iii) Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to attend. The name of the bidders and the technical score of the bidder shall be read aloud. The financial proposal of the bidders who met the minimum qualifying marks shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened and the quoted price read aloud and recorded.

27. Contacting the Procuring Agency: No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Procuring Agency, it should do so in writing. Any effort by a bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the bidder's bid. Canvassing by any bidder at any stage of the Tender evaluation is strictly prohibited. Any infringement shall lead to disqualification in addition to any other penalty Procuring Agency may in its discretion impose.

28. Qualification & disqualification of bidders: The Procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by firm was false and materially inaccurate or incomplete.

29. Rejection of Bids: The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds. The Procuring Agency incurs no liability, solely towards bidders who have submitted bids. Notice of the rejection of any or all bids shall be given promptly to the concerned bidders that submitted bids.

30. Re-Bidding: If the Procuring Agency rejected all bids, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement under Punjab Procurement Rules 2014. The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for bidders, as it may deem necessary.

31. Announcement of Evaluation Report: The Procuring Agency shall declare the results of bid evaluation prior to the award of procurement contract.

AWARD OF CONTRACT

32. Acceptance of Bid and Award criteria

The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Provincial Government, shall be awarded the Contract, within the original or extended period of bid validity.

33. Procuring Agency's right to vary quantities at time of award

The Procuring Agency reserves the right at the time of Contract's award to increase or decrease, the quantity of goods originally specified in the Price schedule and Schedule of Requirements without any change in unit price or other terms and conditions.

34. Limitations on negotiations

Negotiations may not relate to the price or substance of tenders or proposals specified by the bidder in his tender, but only to minor technical, Contractual or logistical details.

I. As guidance only, negotiations may normally relate to the following areas:

- Minor alterations to technical details, such as the terms of reference, the scope of work, the specification or drawings;

- Minor amendments to the Special Conditions of Contract;
- Finalizing the payment arrangements;
- Mobilization arrangements;
- Agreeing final delivery or completion schedules to accommodate any changes required by the procuring agency;
- The proposed methodology or staffing;
- Inputs required from the procuring agency;
- Clarifying details that were not apparent or could not be finalized at the time of bidding;
- The bidder's tax liability in Pakistan, if the bidder is a foreign company.
- Negotiations shall not be used to:
- Substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- Substantially alter the terms and conditions of Contract;
- Reduce unit rates or reimbursable costs, provided that in case of exceptional circumstances like exorbitant rate, rates higher than prevailing market rates, negotiation may be adopted;
- Reduce work inputs solely to meet the budget; or
- Substantially alter anything which formed a crucial or deciding factor in the evaluation of the Tenders or proposals.

35. Notification of Award

i. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful bidder in writing by registered letter, to be confirmed in writing by registered letter, that its bid has been accepted.

ii. The notification of award shall constitute the formation of the Contract.

36. Signing of Contract

i. At the same time as the Procuring Agency notifies the successful bidder that its bid has been accepted, the Procuring Agency shall send the bidder the Contract Form provided in the bidding documents, incorporating all agreements between the Parties.

ii. Both the successful bidder and the Procuring Agency shall sign with date the Contract on the legal stamp paper. Thereafter, the Procuring Agency shall issue Purchase Order. If the successful bidder, after completion of all Codal Formalities shows inability to sign the Contract then the firm shall be blacklisted minimum for two years. In such situation, the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

37. Performance Guaranty/ Security

i. On the date of signing of Contract, the successful bidder shall furnish the Performance Guaranty / Security **5%** in accordance with the Conditions of Contract, in the Performance Guaranty / Security Form provided in the bidding documents.

ii. Failure of the successful bidder to comply with the requirement of instructions to the bidders shall constitute sufficient grounds for the annulment/termination of the award and forfeiture of the bid Security, in which event the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

38. Corrupt or Fraudulent Practices

(a) The Procuring Agency requires that the Procuring Agency as well as bidders/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of this policy, the Procuring Agency defines, for the purposes of this provision, the terms set forth below as follows:

i. **"corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and

ii. **fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;

(b) Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question;

(c) Shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Contract; onus of proof will be on the firm.

GENERAL CONDITIONS OF CONTRACT

1) **Definitions:** In this Contract, the following terms shall be interpreted as indicated against each;
   i) "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
   ii) "**The Contract Price**" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
   iii) "**The Goods**" means Medical & Laboratory Equipments
   iv) "**The Services**" means those services ancillary to the supply of goods, such as instruments / equipments.
   v) "**The Procuring Agency**" means the Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi
   vi) **"The Supplier**" means the individual or firm supplying the goods under this Contract.

2) **Application:** These General Conditions shall apply to the extent that they are not inconsistent / superseded by provisions of other parts of the Contract
3) **Country of Origin:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For the purposes of this clause, "origin" means the place where the goods are produced through manufacturing or processing, or the place from which the related services are supplied.
4) **Standards:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.
5) **Use of Contract Documents and Information**
   i) The Supplier shall not disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.
   ii) The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in condition of contract except for purposes of performing the Contract.
   iii) Any document, other than the Contract itself, enumerated in condition of contract shall remain the property of the Procuring Agency and shall be returned if so required by the Procuring Agency.
   iv) The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier.
6) **Patent Rights:** The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
7) **Submission of Samples:** The Supplier shall provide **samples (free of cost)** of the product to procuring agency according to the specs.
8) **Ensuring intimation of storage arrangements:** To ensure storage arrangements for the intended supplies, the Supplier shall inform the Consignee one week in advance.
9) **Inspections and Test / Analysis**
   i. The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.
   ii. For the purpose of inspections and tests of Medical & Laboratory Equipments Materials, the Supplier shall inform the Rawalpindi Institute of Cardiology Rawalpindi at least 15 working days in advance when all or any specific consignment / installment of goods is manufactured and ready for inspection. The inspection team from Rawalpindi Institute of Cardiology Rawalpindi shall inspect the quantity, specifications of goods. The Supplier shall furnish all reasonable facilities and assistance including access to drawings and production data to the inspectors at no charge to the Procuring Agency. However, if the Supplier proves an undue delay in conduct of inspection on the part of Procuring Agency, the Supplier shall not be liable for penalty on account of that delay. The cost of such lab tests shall be borne by the Manufacturer / Supplier.

iii. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the goods either at Supplier's premises or upon arrival at Consignee's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.

iv. Procuring Agency or its representative shall have the right to inspect and /or to test the goods to confirm their conformity to the specifications of the contract at no extra cost to the Procuring Agency.

v. The inspection committee constituted by the Consignee shall inspect the quantity, specifications of goods. The cost of the lab tests shall be borne by the Supplier.

vi. The supplier will be responsible for free replacement of stocks if the same is not found to be of the same specifications as required in the Invitation of Bids / Substandard /Spurious / Misbranded / Expired. Moreover, it will replace the unconsumed expired stores without any further charges.

vii. The Procuring Agency's right to inspect test and, where necessary, reject the goods after the arrival at Procuring Agency's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.

viii. Nothing in General Conditions of Contract shall in any way release the Supplier from any warranty or other obligations under this Contract.

10) **Physical examination of** instruments / equipments.

i) The Inspection committee constituted by the consignee shall carry out the physical examination after receipt of supplies for checking quality / quantity of the goods supplied.

ii) If the Goods supplied are found during physical examination / inspection to be against the required specifications, approved samples, etc., even if it is of standard quality, the Procuring Agency may reject the goods, and the Supplier shall either replace the rejected goods or arrange alterations necessary for rectification of observation, to meet the required specifications free of cost. Replacement in lieu of the rejected supplies must be completed within **20** days from the date of communication of decision to the Manufacturer / Supplier by the Concerned Authority. In case after replacement or alteration, the Inspection Committee again declare the item as of against the required specifications, the supply would completely be rejected and the proportionate amount of performance security of the concerned installment would be forfeited to the government account and the firm shall be blacklisted minimum for one year. However, if the entire supplies/ installments are declared as of against the required specifications, the entire performance security shall be forfeited and the firm shall be blacklisted minimum for two years; onus of proof of innocence shall be on the supplier.

11) **Delivery and Documents:** The Supplier in accordance with the terms specified in the Bidding Documents shall make delivery of the goods. The details of documents to be furnished by the Supplier are specified in Special Conditions of the Contract.

12) **Insurance:** The goods supplied under the Contract shall be delivered duty paid.

13) **Transportation:** The Supplier shall arrange such transportation / cold chain maintenance of the goods as is required to prevent their damage or deterioration during transit to their destination. The goods shall be delivered in Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi on the risk and cost of the Supplier. All taxes shall be borne by the Supplier. Transportation including loading / unloading of goods shall be arranged and paid for by the Supplier.

14) **Incidental Services:** The Supplier shall be required to provide the incidental services as specified in Special Conditions of the Contract and the cost of which should be included in the total bid price.

15) **Payment:** The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of the Contract. The currency of payment is Pak. Rupees.

16) **Prices:** Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the original bid validity period provided the Procuring Agency's request for bid validity extension.

17) **Contract Amendments:** No variation in or modification of the terms of the Contract shall be made except by written amendment signed by both the Parties.

18) **Subcontracts:** The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.

19) **Delays in the Supplier's Performance:** Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). The Procuring Agency may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Procuring Agency by

amendment of Contract. A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon without the application of liquidated damages.

20) **Penalties/liquidated Damages:** In case of late delivery beyond the presented period, penalty as specified in Special Conditions of Contract shall be imposed upon the Supplier. The above Late Delivery (LD) is subject to General Conditions of Contract including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
21) **Termination for Default:** The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part, if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency; or if the Supplier fails to perform any other obligation(s) under the Contract and if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract
22) **Force Majeure:** Notwithstanding the provisions of general conditions of contract the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargos. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of Health Department, constituted for Redressal of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.
23) **Termination for Insolvency** the Procuring Agency may at any time terminate the Contract by giving written notice of one month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

24) **Arbitration and Resolution of Disputes:** The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties
25) **Governing Language:** The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.
26) **Applicable Law:** This contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

27) **Notices**
   i) Any Notice given by one party to the other pursuant to this contract shall be sent to the other party in writing and confirmed to other party's address specified in Special Conditions of Contract.
   ii) A notice shall be effective when delivered or on the notice's effective date, whichever is later

SPECIAL CONDITION OF CONTRACT

1. **Definitions** In this Contract, the following terms shall be interpreted as indicated against each;
    a. "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
    b. The **Supplier:** is the individual or firm supplying the goods under this contract.
2. **Country of Origin:** All goods and related services to be supplied under the contract must be from that origin / country as indicated under general conditions of the contract.
3. **Bid Security.** 2% of the total bid money in the shape of Call Deposit (CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi to be submitted **with financial bid**.
4. **Performance Guaranty/ Security:** After signing of contract, the successful bidder shall furnish the Performance Guaranty/Security equivalent to **2%** of the total Contract amount in the shape of CDR/ Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi from any of the scheduled banks in accordance with the conditions of the tender inquiry on the prescribed format.
5. **Inspection and Tests:** Inspection of Medical & Laboratory Equipments at final acceptance shall be in accordance with the conditions of contract. After delivery at Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi, the goods shall be inspected /examined by the Inspection Committee, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi to physically check the goods in accordance with the approved sample and terms / conditions of the Contract. The Committee shall submit its inspection report to Procuring Agency along with invoice / bills / delivery Challan. In case of any deficiency, pointed out by the Inspection Committee in the delivered goods, the Supplier shall be bound to rectify it free of cost.
6. **Delivery and documents:** The Supplier shall provide the following documents at the time of delivery of goods to Consignee' end for verification and onward submission to quarter concerned, duly completed in all respect for payment.
    iv) Original copies of Delivery Note / Challan (in duplicate) showing name of destination to which delivery is to be made, item's description, batch No(s), Registration No, manufacturing and expiry date and quantity.
    v) Original copies of the Supplier's invoices (in duplicate) showing warranty, name of Procuring Agency /destination to which delivery is to be made, item's description, Batch No, Registration No, manufacturing and expiry date, quantity, per unit cost, and total amount.
    vi) Original copies of the Sales Tax Invoices (where applicable) in duplicate showing name of destination to which delivery is to be made, item's description, quantity, per unit cost (without GST), amount of GST and total amount with GST.
7. **Insurance** The goods supplied under the Contract shall be delivered duty paid, under which the risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility therefore, they may arrange appropriate coverage.
8. **Incidental Services**
    The following incidental services shall be provided and the cost of which should include in the total bid price.
    a. The bidder shall supply instruments / equipments as per tender requirement along with complete literature (Leaflet).
    b. If the Supplier / bidder charged the prices of incidental services separately in the financial bid and not included in the Contract price of goods, the same shall be included prior to comparison of rates with the other bidders.
9. **Payment**
    A. The Payment shall be in Pak Rupees.
    B. The payment shall be made to the Supplier on receipt of original delivery Challan(s) and invoice(s) including those of GST (if applicable) in duplicate duly completed in all respect and signed & stamped by the store officer / signed and stamped by Consignee, along with physical inspection report, carried out by the Committee, with certificate and test / analysis report to the effect that the supplies conform to specifications.
    C. The laboratory test / analysis charges of sample either against the tender or bulk supplies shall be borne by the Supplier.

10. **Penalties/ Liquidated Damages**

    a. In case where the deliveries as per contract are not completed within the time frame specified in the schedule of requirement, the Contract to the extent of non-delivered portion of supply may be cancelled followed by a Show Cause Notice. No supplies shall be accepted and the amount of Performance Guaranty/ Security to the extent of non–delivered portion of supplies of relevant item shall be forfeited and the firm shall be blacklisted minimum for a period of one year. If the firm fails to supply the whole installments, the entire amount of Performance Guaranty/ Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for a period of two year. Onus of proof of innocence shall be on the supplier.

    b. In case of late delivery of goods beyond the periods specified in the schedule of requirements, **penalty @ 2% per month, 0.067% per day** of the cost of late delivered supply shall be imposed upon the Supplier.

11. **Arbitration and Resolution of Disputes:** In case of any dispute, concerning the interpretation and / or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole *ARBITRATOR*. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
12. **Governing Language:** The language of this Contract shall be in English.
13. **Applicable Law:** This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

Notices

Supplier's address for notice purpose	**Procuring Agency's address for notice purposes shall be the;**
----------	**Executive Director** **Rawalpindi Institute of Cardiology** **Rawalpindi**

Note: All assessments and procuring procedures i.e. receiving, opening and awarding etc. shall be governed by the Punjab Procurement Rules, 2014.

PERFORMANCE GUARANTY/ SECURITY FORM (CDR)

To: *[Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi]*
_____

Whereas *M/S* _____ (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No._____ dated _____ to supply Medical & Laboratory Equipments *(*hereinafter called "the Contract"). And whereas, it has been stipulated by you in the said Contract that the Supplier shall furnish you CDR/ Bank Guarantee, issued by a scheduled bank for the sum of 2% of the total Contract amount as a Security for compliance with the Supplier's performance obligations in accordance with the Contract.

Name of the bidder _____
Father, s Name_____
Address of bidder / Firm_____
NIC #_____
Designation._____
Signature _____
Stamp_____

MANUFACTURER'S AUTHORIZATION FORM

To: *[name of Purchaser]*
_____

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against No. *[Reference of the Invitation to Bid]* for the goods manufactured by us. We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids. *[Signature for and on behalf of Manufacturer]*

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the bidder in its bid.

CONTRACT FORM

THIS CONTRACT is made at ----------on---------- day of---------- 2014, between the Executive Director Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi (hereinafter referred to as the "Procuring Agency") of the First Part; and M/s *(firm name)* a firm registered under the laws of Pakistan and having its registered office at *(address of the firm)* (hereinafter called the "Supplier") of the Second Part (hereinafter referred to individually as "Party" and collectively as the "Parties").

WHEREAS the Procuring Agency invited bids for procurement of goods, in pursuance where of M/s *(firm name)* being the Manufacturer/ Sole Agent of (item name) in Pakistan and ancillary services offered to supply the required item (s); and Whereas the Procuring Agency has accepted the bid by the Supplier for the supply of *(item name)* cost per unit,

NOW THIS CONTRACT WITNESSES AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General/ Special Conditions of this Contract hereinafter referred to as "Contract":
2. The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz:-
   a. *Price Schedule submitted by the bidder,*
   b. *Technical Specifications;*
   c. *General Conditions of Contract;*
   d. *Special Conditions of Contract; and*
   e. *Procuring Agency's Award of contract; and*
   f. *Purchase Order*

3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.
5. *[The Supplier]* hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit form Government of Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Punjab) through any corrupt business practice.
6. Without limiting the generality of the foregoing, [the Seller/ Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc., paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Punjab, except that which has been expressly declared pursuant hereto.
7. *[The Supplier]* certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
8. *[The Supplier]* accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any Contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Procuring Agency under any law, Contract or other instrument, be void able at the option of Procuring Agency.
9. Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, *[The Supplier]* agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by *[The Supplier]* as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency.

10. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. **The Additional Chief Secretary** or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
11. This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.
12. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Inquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
13. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration
14. Partial supply shall not be accepted.
15. Quality/quantity of Medical & Laboratory Equipments supplied will be checked by the concerned hospital through inspection committee notified by the concerned Executive Directors.
16. The supply shall not be accepted if found substandard. The seller shall be bound to replace the substandard stores immediately.
17. Seller shall ensure timely, continuous / uninterrupted supply of Medical & Laboratory Equipments to the end users as per demand throughout the contract period.
18. The seller shall have to supply such quantity as ordered.
19. The seller shall provide free delivery of Medical & Laboratory Equipments to consignee at the concerned hospital store.
20. If the rates charged by the seller are found higher than the market rates the extra money charged shall have to be refunded by the seller.
21. Payment will be made by the end users as per rules after completion of all codal formalities.
22. In case of breach of terms & conditions of contract agreement security of the seller shall be forfeited.
23. This contract agreement shall remain valid till 30th June, 2015.
24. The seller will be responsible to refund any excess amount paid due to any error in calculation or mistake in evaluating the offer.

IN WITNESS Whereof the Parties hereto have caused this Contract to be executed at_____ (the place) and shall enter into force on the day, month and year first above mentioned.

NAME _____
FATHER'S NAME _____
DESIGNATION _____
ADDRESS _____
NIC # _____
SIGNATURE & STAMP _____

EXECUTIVE DIRECTOR
RAWALPINDI INSTITUTE OF CARDIOLOGY
RAWALPINDI

BID FORM

Date: _____
No. _____

To: _____ [Name and address of Procuring Agency]

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver the goods specified in and in conformity with the said Bidding Documents for the sum of *[Total Bid Amount _____], [Bid Amount in words_____]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. If our bid is accepted, we shall furnish performance guarantee / security in the shape of call deposit (CDR) / Bank Guarantee equivalent to 3% of the total contract amount. The CDR / Bank Guarantee shall be in the Name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi. We agree to abide by this bid for a period of **03 months** from the date fixed for bid opening under instruction to the bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that the Procuring Agency is not bound to accept the lowest or any bid, Procuring Agency may receive.

Name and address of agent ---------- Amount ----------
(If none, state "none")."
Dated this _____day of _____20__.

Signature (in the capacity of) duly authorized to sign bid for and on behalf of.
Attachment

PRICE SCHEDULE FOR MEDICAL & LABORATORY EQUIPMENTS IN PAK RUPEES
Name of bidder_____
No. _____

Sr. No.	Item	Accounting Unit	Quantity Required	Unit Price	Total Cost

Sign and Stamp of bidder_____
Note: In case of discrepancy between unit price and total, the unit price shall prevail.

SCHEDULE OF REQUIREMENT
FOR MEDICAL & LABORATORY EQUIPMENTS

The supplies shall be delivered within delivery date w.e.f the next date after date of issue of Purchase Order (without penalty), and with prescribed penalty, as per following schedule of requirements:-

MODE OF PENALTY	100% QUANTITY AS PER PURCHASE ORDER	TOTAL DELIVERY PERIOD
WITHOUT PENALTY	45 days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 45 days of Purchase Order	45 Days	90 Days

DEMAND OF MEDICAL / LAB EQUIPMENTS FOR 2014-15

Sr. No	Equipment Name	Qty
	GYNAE DEPARTMENT	
1	Anesthesia machine for OT (obstetrics)	01
2	OT Light for OT	01
3	OT Table for OT	02
4	Vacuum exactor machine	01
5	Baby warmer & resuscitation	01
6	Baby weighing machine	01
7	Cardiotocograph machine	01
8	Labor room standing light	01
9	Delivery table	01
	PULMONOLOGY DEPARTMENT	
10	Spirometer	02
11	Fiber optic bronchoscope	01
12	Polysomnograph (sleep study)	01
	OPERATION THEATRE	
13	Sternum Saw (Pneumatic)	01
14	Head lights	01
15	Mobile Lights (Portable Lights)	01
16	Cardiac Monitor With Invasive Set Up	04
17	Blood Warmer	01
18	Fluid Warmer For At least 50 Drips	01
19	Cardioplegia module compatible to C5 HLM	02
20	LED LAMP for C5 HLM	02
21	Side mast handle of both side for C5 HLM pair	02
22	ECMO system	01
23	Heart link system for stockert's HLM	01
24	Transit time flow meter with intra myocardial probe	01
25	Cardioblade ablation	01
26	Infusion pump	10
27	Ultrasound machine	03
28	Cerebral oximeter	02
29	Crisis Manikin	01
	PATHOLOGY	
30	Laboratory Incubator	01
31	Tube sealer	01
32	Plasma Extractor	01
33	Air sample collector for Micro	01
	ECHO	
34	Portable echo machine	02
35	Echo machine	02
36	TEE probe (ADULT)	01
37	Portable handy hand Echo machine	02
	SURGICAL PRIVATE WARD	
38	Pulse Oximeter	10
	ITC WARD	
39	Invasive cardiac monitor for wards	07

RADIOLOGY DEPARTMENT		
40	X-Ray Film Auto Processor	01
PHYSIOTHERAPY DEPARTMENT		
41	Telemetry System with central monitoring	01
42	Ultrasound therapy unit	01
43	Hydrocolator	01
PAEDS CARDIOLOGY		
44	Cardiac Monitor (Vital signs) with pediatric B.P. cuffs	40
45	Ventilator	02
ELECTROPHYSIOLOGY DEPARTMENT		
46	Ambulatory ECG (12 channel) Holter monitor	04
47	Ambulatory BP monitoring apparatus	05
ELECTROPHYSIOLOGY (CATH LAB)		
48	Electrophysiology Lab system (complete) with UPS (including ablator)	01
49	Intra-cardiac Electrophysiology stimulator	01

SPECIFICATIONS OF MEDICAL / LAB EQUIPMENTS FOR ABOVE MENTION ITEMS

1. Anesthesia Work Station with Built-in Ventilator and Cardiac Monitor

GENERAL SPECIFICATIONS:

- 3 Gas Anesthesia Workstation, 02, N20 and Air Up to 2 x 02 and 2 x N20 Cylinder can be connected
- Pipelines/fittings/gauges for Central Piping 1 x 02 and 1 x N20 Yokes & Gauges for Cylinders 1 x 02, 1 x N_2O and 1 x Air Pipeline, Pipeline Fitting and Pressure Gauges Main Working Surface
- 1 x Monitoring Shelf 1 x Side Folding Shelf
- Single 02 High Pressure Outlet 02 Flush
- Common Gas Outlet
- Side Rails and Centrally Braked Castors with Large Brake Peddle 2 x Drawers
- Anesthesia Machine should be capable of working at Low Flow Anesthesia
- Scavenging System
- Venturi Suction
- 1KG Circle/CO_2 Absorber, fully Autoclavable, including Bag/Vent switch, CO_2 by pass and manometer gauge, complete with mounting bracket, disposable patient circuit, absorber detachable including Y-piece circuit, bag and fresh gas assembly 1 x Bag Arm 2 Station Selectatec Back bar to accommodate up to two vaporizers
- 1 x Vaporizer, Selectatec Type Tec 7 or equivalent, Isoflurane
- 1 x Vaporizer, Selectatec Type Tec 7 or equivalent, Sevoflurane
- 2 Pin Index Cylinders for 02
- 2 Pin Index Cylinders for N2O

ELECTRONIC / DIGITAL FLOWMETER:

- Three Gas Configurations (02, N20 and Air)
  Flow Range:
- 02 and Air: 0 to 12 LPM
- N2O: 0 to 12 LPM
- Total Flow Meter 0 to 10 LPM Calibrated to 02
- Thermal Mass Flow Sensor Type

- Mechanical, Hypoxic Guard for minimum of 25% 02 / Auxiliary Flow Meter
- Low flow oxygen at 200ml flow meter

ANESTHESIA VENTILATOR

- Microprocessor Controlled Anesthesia Ventilator
- Full Color Minimum 6 - 8" or more LCD/TFT Touch Screen Display Automatic Leak and Compliance Test
- Fresh Gas and Compensation
- Ventilation Modes: Volume Control, Pressure Control. SIMV+PSV, Pressure Support, CPAP, Spontaneous manual
- Ventilator Monitoring:
- Oxygen (F102), Inspired & Expired Volumes, PAW, Pressure Real Time Waveforms for Flow, Volume,& Pressure
- Tidal Volume: 20 — 1400 ml
- IE Ratio: 2.0:1 — 1:5
- Frequency: 4 — 60 bpm
- Minute Volume: 0.3 — 25 LPM
- Pressure Limit: 10 - 70 cmH2O (Adult) & 10-50 cmH2O (Paeds) PEEP: 3 — 20 cmH2O
- Patient Trigger: 1 — 10 LPM
- Battery Back Up of 60 minutes Minimum
- User Alarms: High/Low Pressure; High/Low Minute Volume; High/Low Breath Per Minute (BPM); High/Low Oxygen Static Alarms: Apnea, Settings Error, Low Supply Gas,
- Inspiratory Flow Transducer Error, No Charge, Fresh Gas Too High, Ventilator Inoperative, Under Pressure, Peep Error/Sensor Error, Power Fail, Battery Low, Apnea Alarm in Bag Mode

Optional:

- Electronic Gas Mixing Electronic Hypoxic Guard Spirometery Loops

2. Operation Theatre Light

- White LED shadow less operating lamp ceiling suspension.
- Hematically sealed dust proof light head.
- Light intensity of main light min. 110,000 – 120,000 Lux at 1 meter distance.
- Increase / decrease light intensity facility with intensity setting indicators.
- Natural color rendition 4400^0 Kilvin
- Color rendition index of 95
- Field size adjustable Wavelens Controlled in the sterile field
- Light field diameter 250mm
- Average LED life 40,000 hours
- Complete with sterlizeable handles (02)
- Power consumption not more than 70W
- 220-240 volt, 50 Hz

3. OT TABLE FOR GYNAE

- Hydraulic operation table for Gynae procedure
- Table Top (Radiolucent) with antistatic mattress 4 section and equipped with X-Ray cassette holder.

- Table top arranged as Head plate, Back plate, Seat Plate, Two separate leg plates.
- All control of table movement toward head side X-Ray cassette tunnel full length of table top.
- Up and down movement height range 810-1250mm
- Trendelenburg / Anti-trendelenburg $\pm$ 30^0, Lateral tilt $\pm$ 20^0
- Back rest angle adjustment $-15^0/+75^0$ and Leg rest detachable; angle adjustment – 85^0 / $+15^0$
- Outward angle 90^0
- Safe working load capacity 170-200Kg
- Complete with Anesthetic screen, body rest-holder, shoulder rest-holder, Arm rest-holder, Leg sport, Knee rest-holder, Kidney bolster, Restraining straps, Tray, Foot plate.

4. Vacuum extractor machine

- Cage, Brass chrome plated with cover at the top.
- Bottle fitted with cage easily removable on top of bottle.
- PVC silconized autoclavable tubing.
- Capacity of Glass Bottle is upto 750ml.
- Pressure gauge – 750mmHg fixed on the cover of the cage.
- Hand operated pump.
- One spare bottle.
- Stainless steel cup (50mm, 60mm, 70mm)
- Packed in thermocol box and then in cardboard box.

5. Baby warmer and resuscitation

- Power requirements Customer specified
- Power consumption : 700VA (Maximum)
- Heater capacity 500W
- Classification Class I, Type BF
- Temperature control Servo control
- Skin temperature Setting range : 34.0-38.0℃
- Display range : 30.0-42.0℃
- Heater output Setting range : 0-100% (in 5% increments)
- Indication range : 0-100 (in 10 levels)
- Alarms Skin temperature, skin temperature probe, check baby, sysytem failure, main failure, canopy state
- Timer Time display range : 0-60minutes 00 seconds (in 1 second increments)
- APGAR mode /CPR mode switchable
- Lighting LED lamp Adjustable illumination intensity 0-1200lux
- Mattress platform angle Inclination angle (back and forth) : +13° ~-13°
- Accessories Skin temperature probe x2
- Dust cover x1
- Mattress sheet x2
- Pulse Oximeter Unit
- Display range 1-100%SpO2
- Averaging time 8, 4, 16 seconds (Selectable)
- SpO2 alarm setting range Upper limit : 50-99% (in 1% increments)
- Lower limit : 45-95% (in 1% increments)
- Pulse rate display range 25-240bpm
- Pulse rate alarm setting range Upper limit : 80-240bpm, OFF
- Lower limit : 35-180bpm, OFF (in 5bpm increments)
- Alarms SpO2 high/low limit, pulse rate high/low limit, SpO2 sensor
- Resuscitation unit 104
- Manometer Pressure indication : -2 ~ 8 kPa (-20 ~ 80cmH2O)

- Suction unit Suction pressure control range : 0 ~ 26.7 kPa (0 ~ 200mmHg)
- O2 Blender Oxygen concentration control range : 21 ~ 100%
- Oxygen flow rate control range : 0 ~ 15L/min.
- Resusci-flow unit PMAX setting range : 19 ~ 58 kPa (20 ~ 60cmH2O)
- Default setting range : 39 kPa (40cmH2O)
- Resuscitation unit 105
- Manometer Pressure indication : -2 ~ 8 kPa (-20 ~ 80cmH2O)
- Suction unit Suction pressure control range : 0 ~ 26.7 kPa (0 ~ 200mmHg)
- O2 Blender Oxygen concentration control range : 21 ~ 100%
- Oxygen flow rate control range : 0 ~ 15L/min.

6. Baby weighting machine

1. Capacity: 20kg/5g
2. Digital display
3. With Memo Function
4. Best quality, safe
5. CE, ISO

7. Cardiograph machine

- High-resolution up to 15" touch screen
- Simple 1-2-3 guided process for taking ECGs
- 3-in-1 Trident lead wires minimize tangling
- Mark cardiac events for later review
- Anatomic patient interface module supports correct lead placement.
- Lead Check reveals lead reversals at the bedside
- Critical Values helps identify patients who need urgent attention
- Automated sequence speeds workflow
- Integrated interpretation on up to 16 leads
- Advanced STEMI clinical decision support tools
- Previous ECGs at the bedside for immediate comparison

8. Labor Room Standing Light

- LED Shadow less operating lamp with mobile stand
- Hematically sealed dust proof light head.
- Light intensity of main light min. 60000 to 80000 Lux at 1 meter distance
- Increase / decrease light intensity facility with intensity setting indicators
- Natural colour rendition 4200^0 Kelvin
- Color rendition index of 85-95 adjustable
- Light field diameter 120mm
- Average LED life 50,000 hours
- Complete with sterilize-able handles (02)
- 220-240 Volt, 50 Hz

9. Delivery Table

- Four electric movements as following
- Electric movement of High-Low
- Electric movement of Back Section
- Electric movement of Seat Section
- Electric movement of Trend – Anti Trend

- Bedding platform:
- Divided in two sections, made with integrated upholstery
- Mattress washable and disinfect able, in a choice of colors
- Metal heavy construction painted with electrostatic paint
- Height adjustment: 80-95cm
- Pair of swiveling and height adjustable knee rest (Gospel type), with the corresponding clamps
- Head cushion removable
- Inox Basin
- Foldable step integrated
- Pair of metallic handles for the patient with plastic edge
- Paper roll holder
- Leg section removable and foldable
- Arm rest for blood donation with the corresponding clamp for attachment in the back section side rail
- Integrated rechargeable battery back-up system for all the electric movements
- I.V. Pole Holder
- Foot rest (pole)

10. Spiro meter

Features:-

- Exceed the American Thoracic Society (ATS), ITS, NIOSH/OSHA
- ERS Standards.
- Selectable Predicted Equations and Interpretation Algorithms
- Auto Calibration Features
- Selectable Multi Language Settings for English, German, French,
- ATS Standard or Customized print outs on built-in printer.
- Designed for user safety
- Bronchial Challenge dosage standard templates
- (for Methacholine, Histamine, and antigen)
- Global Obstructive lung disease (Gold) interpretation .
- Portable
- Desktop spirometer with large test memory capacity
- and built in printer
- Real time curves.
- High resolution color display.
- Simple icon based menu on the keyboard.
- PRE test and related POST test are shown superimposed.
- 6000 test memory and upto 8 tests on screen.
- Selectable languages and predicted values.
- Customizable printout format.
- Connectivity: USB , RS232 and Bluetooth
- Multitasking and versatile spirometer ideal for accurate and early diagnosis of respiratory diseases (like COPD and Asthma.
- Power supply: Rechargeable battery and mains power
- Temperature sensor:(0-45°C)
- Flow sensor
- Flow range: ±16L/s - Volume accuracy: ±3% or 50mL
- Flow accuracy: ±5% or 200mL/s

- Dynamic resistance: <0.5 cmH2O/L/s
- Printer/paper: Thermal, 4.4 inch (112 mm) width
- Mouthpieces: Ø 1.18 inch (30 mm)
- Dimensions: 12.2×8.1×2.6 inch (310×205×65 mm)
- Weight: 4.2 lbs. (1.9 Kg)
- Measured parameters:

VC-Related: VC; ERV, IRV, IC, TV; Resting Respiration (t,e; t, 1; VB, t, tot, TV/t, I; t, i/t, tot) & with FRC externally acquired measurement computing for RV & TLC
FVC-Related: FVC; FEVO. 5; FEV1%-G; FEV1%-T;
FEV3.0, FEV3%-G, FEV3%, MMEF, Extime, Vext, FIVC, FIVO, 5;
FIVl.0, FIVl/FVC; FlVl/FIVC; PEF; MEF75% (FEF25%);
MEF50% (FEF50%), MEF25% (FEF75%), PIF, & MIFSO

11. Flexible bronchoscope

- Intubation Fiberscope, eyepiece , with autoclave able suction Valve for adults and pediatric

  Light weight, high resolution bronchoscope.
- Deflection up/down: 140/140° or Better
- Field of view: 120° or more
- Angle of view: 90°
- Working length: at least 600mm or more.
- Distal tip outer diameter: 2 to 5 mm(Should allow 6.5mm endotracheal to be mounted easily)
- Depth of Field: 3mm to 50mm

Following accessories are included:

- Portable trolley
- Pressure Compensation Cap
- Leakage Tester
- Tube Holder
- Cleaning Brush
- Irrigation Adaptor
- Suction Valve(Autoclavable)
- Bronchoscope Insertion Tube, size 4, sterile
- Bronchoscope Insertion Tube, size 2, sterile
- Plug, black, package of 10
- light source.(LED/ halogen) (1xstandby)

- **Video processing system**

- C-CAM camera head.
  Camera Head, one-chip CMOS camera, head, resolution up to 640 x 480, focal length f = 20 mm
  Software and hardware for recording live and still image.
- S-Video connecting cable.
- USB connecting cable.
- Cleaning /maintenance complete kit including disinfection solution.

12. Polysomnograph (sleep study)

- SpO2: Accuracy +/- 2%, 70%< SpO2< 100%, sampling rate 1/s
- Pulse rate: Accuracy +/- 2%, measuring area 20-300 beats / min, sampling rate 1/s
- Pulse wave (plethysmogram): sampling rate 50/s
- Breathing signal: sampling rate 50/s
- Body position: recording of 5 different body positions
- Memory: from 128 MB up to 512 MB
- Recording period: up to 7 days, 8 hours per day
- Data transmission: via USB
- Duration of transmission: approx. 40 s per 8 hours of recording
- Energy: Mignon batteries

13. Sternum saw

- Pneumatic Sternum Saw with all standard Blades and Accessories(04)
- Electrical Sternum Saw with all standard Blades and Accessories (02)
- Sternum Saw for Redo Surgery with complete sets of Blades and Accessories(02)

14. Head lights

- Operating prism loupes to be supplied on a spectacle frame.
- The frames to be supplied in three sizes with five available nose bridges to allow maximum comfort and security for the surgeon. 300/400 Watt
- To be easily identifiable by colour coding and simple to clip on when needed.
- To have a pocket size light source with Brightness Control and a compatible plug in charger. Complete system with xenon light source.

15. Mobile lights

- Mobile emergency shadow less operation light with hermetically dust proof lamp head.
- Minimum light output 100,000 lux at 1 meter
- Colour rendering index, 92 (at least).
- Colour temperature min. 4200 Kelvin.
- Field of illumination focusable: 15-20 cm.
- Rise in surface temperature at Operating area: 10 Deg. C. Light intensity.
- Rise in temp. at surgeon's head : 02 deg C
- A set of spare Bulbs.
- Complete with sterlizeable handles (02) .
- Built-in / attachable maintenance free battery with charger. Automatic change over to battery in case of mains failure and back again.
- At least 2-hours battery backup time.
- 220 V / 50 Hz 1 Phase and battery operation**.**

16. Cardiac Monitor with invasive set up

- Monitoring of Vital Signs of Pediatric and Adult Patients OPERATING FEATURES and CHARACTERISTICS: Non fade display
- Modular Architecture, Different Modules can be added later
- Screen size: up to 17" Minimum LCD / TFT Touch Screen Color Display e 71
- Electro-surgical interference suppression / protection Defibrillator protection
- Pacemaker Detection
- Freeze and cascade facility
- Adult & Pediatric modes of operation, detection and alarms for all parameters

- Minimum 10 or more waveforms for all required parameters Waveform Trace speed: 6.25, 12.5, 25 and 50 mm/sec
- Compatible with central monitoring system through wireless / Hardwire
- Vital Signs Monitor should have the capability to measure at least 2-IBP and EtCO2 at the same time.

Standard Parameters:

- ECG, NIBP, Sp02, 2-Temp, Respiration, Trends, Arrhythmia Analysis, 4-IBP, EtCO2, Anesthesia Agent
- Monitoring, Recorder

STANDARD PARAMETERS:

ECG:

- Differential input protected against defibrillator ECG Cable with 3-5 Leadwires
- Lead Selection: 6 positions (Lead 1,11, III, avf, avr, avl) and V(chest leads)
- Selectable Adult & Pediatric operation modes
- Diagnostic ECG Measurement with 10 Leadwires Patient Cable for 10 or more ECG waveforms. With 7
- lead ECG waveforms displayed at same time
- Ability to detect Adult & Pediatric Heart rate range, QRS widths and amplitudes
- Numeric: Heart Rate Range 20-250 bpm Waveform: Real time
- Lead Off detection: Alarms on lead failure Variable gain: selectable 1/2, 1, 2, cm/mV
- Heart beat indication: Beep/tone with QRS detection

NONINVASIVE BLOOD PRESSURE (NIBP):

- Method. Oscillometric principle
- Numeric: Systolic, Diastolic and Mean Pressures Rising Cuff / continuous pressure display
- Ability to measure Adult & Pediatric B.P. Range Cuffs for Aduts & Pediatrics Patients.
- Cuff Pressure range: 300mmHg
- Selectable Pediatric & Adult operation modes
- Selectable Pediatric & Adult initial and maximum cuff pressures and range

TEMPERATURE:

- Numeric. Temperature selectable in 'C / 'F
- Channels: 2 channels or more
- Two temperature Channel with probe (external and rectal) Ability to measure Adult & Pediatric temperature range

PULSE QXIMETRY:

- Numeric: % Oxygen saturation
- Range: 0-100 %
- Numeric: Pulse rate: 20-250 beat per min.
- Waveform: Plethysmograph pulse with pulse strength indication Sensor for Pediatrics & Adult Patients

RESPIRATION:

- Impedance method using ECG leads for sensing Respiration rat----------e (RR): 1-150bpm
- Ability to measure Pediatric & Adult breathing rate range Sweep speed: 6.25, 12.5mm/sec.
- Settable Apnea Alarm.

MULTI GAS AGENT MONITORING MODULE:

- The Multi gas Module monitors gas concentration and alerts clinical personnel when concentration of anesthetic agents, Oxygen, Carbon Dioxide or Nitrous Oxide falls outside of defined limits.
- The Anesthetic agent being administered is automatically identified.

RECORDER:

- 3 Channel Recorder for printing of ECG Waveforms
- ECG Paper Roll (05)

INVASIVE BLOOD PRESSURE MODULE

- Four channels
- Numeric: Systolic, Diastolic and Mean Pressure Waveform: Blood Pressure
- Variable scale: Selectable
- Adjustment: Zero adjustment for offset compensation
- ARRfTHIEMIA ANALYSIS:
- Should have more than 14 Arrhythmia items

TRENDS:

- Trends for at least 48-96 hours with graphical and tabular representation for all parameters

ALARMS:

- Selectable automatic Adult and Pediatric Mode alarm limits High and low (settable) on all parameters
- Visual and Audible indication of alarms
- Built-in Rechargeable Battery with back up of at least 2 hours in case of AC power failure for full parameters.
- To be mounted with Anesthesia Workstation

Standard Accessories of Cardiac Monitor:

- Adult Finger Sensor (Reusable)
- Paediatric Finger Sensor (Reusable)
- NIBP Hose
- NIBP Cuff for Adults Patients (Single Lumen)
- NIBP Cuff for Paeds Patients (Single Lumen)
- ECG Cable with 3-Leadwires
- ECG Cable with 5-Leadwires
- ECG Cable with 10-Leadwires
- ECG Electrodes 50 for Adults
- ECG Electrodes 50 for Paeds
- ECG Jel (02)
- Temperature Probes
- Operating Manual (Hard Copy 03 and Soft Copy)
- Service Manual (Hard Copy 03 and Soft Copy)

NOTE:

- System should operate on Central Air, N20 & Oxygen Supply System with input Pressure Range 3 — 6 bar with minimum of 3 bar is essential.
- Power Requirements: 220V, 50Hz.
- Ventilator should operate on disposable breathing circuits commonly available in the market.

- Upgradable in future, Lifetime free software upgrade and software installation in case of software is corrupted.
- Anesthesia Machine, Ventilator, Vaporizer, Agent Monitor and Vital Sing Monitor should be from same manufacturer for the best practice and compatibility.
- The competitors MUST have local service facility in Rawalpindi / Islamabad and have to give the same in written.
- Service providers should have the necessary equipment recommended by the manufacturers to carry out preventive maintenance tests as per guidelines provided by the manufacturers.

- All the competitors will be bound to display their units for use for at least 24-48 hours on the patients for the satisfaction of the end users which they will give in written.
- Quoted System must be CE Marked (MDD 93/42/EEC) or FDA approved or MHLW (Japan)
- Replacement of Preventive Maintenance Kit as per manufacturer's recommendation within the warranty period will be done free of cost by the firm. Firm should quote detail of components of Preventive Maintenance Kit as an evidence copy of literature / user manual / undertaking should be provided.
- The system must be complete with all parts and accessories including Flow Sensors, Oxygen Sensors, ECG Cables, SpO2 Sensors, NIBP Hose with Cuff, Temperature Probes, Reusable IBP Cable, CO2 Sensors, Batteries or any other accessory required for measuring all above selected parameters with disposables and consumable items for Adult & Paediatrics Patients.
- Warranty period should be five years from date of commissioning with parts and accessories including Flow Sensors, Oxygen Sensors, ECG Cables, SpO2 Sensors, NIBP Hose with Cuff, Temperature Probes, Reusable IBP Cable, CO2 Sensors, Batteries and Preventive Maintenance Kits as per manufacturer's recommendations except disposable & consumable items.

17. Blood warmer

- **FOR WARMING OF BLOOD BAGS**
- **MINIMUM THREE TO FOUR BAGS CAPACITY**
- Temperature setting: +37ºC to+44ºC
- Microprocessor controlled unit
- Blood warmer
- Voltage: 220 V, 50 Hz

18. Fluid warmer for at least 50 drips

- Capacity at least 50 drips
- Complete S.S skid.
- Voltage: 220 V, 50 Hz

19. ECMO system

ECMO SYSTEM

- Optimal for ECMO (Extra corporeal membrane oxygenation) & ECLS (Extra Corporeal Life Support) therapy.
- Complete system solution for long term support of heart and lung function in adults, pediatrics and infants.
- Single pump module for adults, pediatrics and infants.

General Features

- Motor speed control.
- Pulsatile flow control.
- Zero flow control.

- Flow sensor with integrated bubble sensor.
- Four pressure sensors.
- Two temperature sensors.
- Reverse flow detection.
- Venous blood oxygenated saturation (SVO_2)
- Level sensor
- Hemoglobin.
- Hematocrits
- Rescitable clock himer
- Console lamp
- Heating unit with accessories.
- Battery backup up to 90mint.
- Protection with splash, drips and defibrillators CE / FDA approval.

Technical Specifications for Console

- Rated voltage (mains operation) 90-250 VAC, 47-63 HZ.
- Display touch screen TFT.
- Data interface USB.
- Light weight.
- Control modes speed, preload, flow, zero flow.
- Sensor technology flow, bubble detection, pressure.
- Flow 0 -8 L/min.
- Speed up to 5,000 rpm.
- Pressure 0 – 600 mmHg.
- Temperature range 15 degree – 39 degree Celsius.
- Safety alarm for high temperature.
- Easy transportability.
- Display air, oxygen, carbon dioxide and FiO2 capable of delivering FiO2 21 – 100%.
- Technical & operating manuals also both trainings.

20. Heart link system for stocker's HLM

Compactable with soran C5 HLM or equal.

21. Transit time flow meter with intra myocardial probe

1- To verify increased blood flow to an ischemic myocardium during bypass surgery. The system shows stable and accurate real time flow curves and correlates with ECG for diastolic filling pattern verification, automatic validation for measurement reliability with the facility of permanent documentation in patient chart along with Doppler velocity measurement and for control enabling planning, navigation and verification throughout CABG procedures, in order to reduce risk of stroke, myocardial infarction, early graft failure and recurrent angina of the operated patient.

2- The system should have 4 channels transit time flow meter, 1 Doppler channel, two pressure channels and 2 ECG/AUX channels and a printer. It should be trolley based for mobility. Monitor should be TFT/LCD Touch Screen 19 inch or above.

Computerized, Windows XP based system. System should have USB/parallel port for printer, high end microprocessor, RAM, Hard Disk.

3- It should have following features/specifications:
   a. Channels: -4 Flows, 1 Doppler, 2 Pressure and 2 ECG/AUX channels.
   b. Calculation: - Systolic, Diastolic and mean flow in ml/minute.
   c. Calculation: - Systolic, Diastolic and mean values and the maximum derivative.
   d. Real time data using transit time flow measurement (TTFM) for verification and determination of patency for intra-operative control.
   e. System should provide flexibility in graft flow analysis and data storage for future reference, patient report/database printout, export in PDF format, data storage in USB.
   f. TTFM: - Should be easily applicable with wide range of size to treat vessels from 1,5mm to 27 mm in diameter, should meet worldwide sterilization standards, flexible probe with/ without handles to accommodate various surgical applications, consisting of tow angles piezoelectric crystals. The ultrasound field generated should be uniform and should measure the flow at any given angle. The probes should be with handles having flat front face for fast and stable measurement, available in sizesl.5mm, 2mm, 3mm, 4mm and 5 mm with display resolution of 0.1 ml/minute and ultrasound transducer excitation frequency of 500KHz to 3,5MHz for TTFM suitable for at least 30 times reuse and easy to clean, disinfect and sterilize.
   g. Display of graphs. Plasticity Index (PI), Flow, Diastolic Filling (DF) percentage, HR, ACI (Acoustic Coupling Index)...etc.
   h. System should be able to detect intramural arteries and to quantify blood velocity in the vessel being targeted.
   i. System should quantify the degree of stenosis in the native artery.
   j. User manuals and intuitive tutorial videos should be available directly on the system
   k. Electrical inputs: - single phase, ac, 50 Hz, 230 Volts, fused with proper electrical insulation and RF/EMI EMISSION APPROVAL.
   l. Operating Temperature: - 0 to 40 degrees Celsius, Humidity 20% to 80% RH, non-condensing.
   m. List of installation
   n. US FDA/ CE Mark

22. Cardioblade ablation

- Argon grade — North America Prepurified Argon ≥ 99.998% pure (grade 4.8)
- Tank pressure — 6000psi
- Tank volume — ~ 50 liters
- Tank diameter — 10 inches
- Tank Height — 56 inches
- Tank valve fitting — CGA77 or CGA680

Cryo time per cylinder

Includes cylinder cap and valve.

23. Infusion pump

- Pumping Mechanism, Linear peristaltic pumping system with software adjustments
- and compensations.
- Display, TFT/LCD monochrome.
- Flow Rate Range, 1-1200 ml/h (1ml/h increment).99.9 ml/h in micro mode (0.1m1 /h increment)
- Flow Rate Accuracy, +/- 5% or better.
- Volume to infuse 1-9999 ml Normal mode, 0.1-999.9 ml in micro mode.
- Bolus 1200ml/ h, adjustable from 50 ml/h to 1200ml/h by 50 ml/h increments.
- KVO Automatic Keep Vein Open rate of 3ml/h [adjustable from 1 to 20 ml/h] when volume limit is reached.
- Pause, Programmable from 1 minute to 24 hours, increments from minute to minute.
- Data Log Event1500 data log events in real time.
- Drug Labeling Display of the drug name based on a list 050 pre-set drug names.
- Drug Libraries Customized drug library with Vigilant IV Medication Safety Solution.
- Up to 4 different drug libraries.
- DPS, The Dynamic Pressure System - DPS - to warn of pressure variations.
- Pressure Monitoring Graphic representation of the pressure in the infusion line and
- of the pressure limit thanks to the pictograms.
- Anti-Bolus System to reduce significantly bolus after occlusion release (0.2 ml max)
- ALARMS / PRE-ALARMS / SECURITY
- Power Supply 100-240 Vac / 50-60 Hz with standard cable,
- Battery Li-Ion, battery life at least 8 hours at 100 ml/h, charge level available on the display.
- To be supplied with 100 IV sets compatible.

24. Ultrasound machine

System Standard features:

- TFT LCD Swivel and Tiltable Colour Monitor
- Multimodality Digital Beam former and upgradeable through software's.
- Image Display Modes: Full Dual, Orientation Left Right/Up Down, B, B+B, B+BM, M, B+D, D, B+CFM, B+CFM+D
- Operational Modes: B Mode, M Mode, Doppler Mode, Colour Flow Mapping, Colour Flow Mapping in M Mode, HPRF, Duplex/Triplex modes, Power Doppler
- Advanced Dynamic Flow/B Flow/E Flow, Compound Imaging for Black & White and Colour Doppler,
- Vide View / Trapezoid Imaging for Linear Probe
- SIESCAPE / I SCAP/ PANOROMIC VIEW Imaging, Adaptive Suppression Imaging / Precession Imaging / Phase Inversion Imaging
- Wide choice of transducers i.e., Linear, Convex, Micro-convex, Endo cavity, Endo rectal.
- Broadband and Multi-frequency probes to provide optimal images both in superficial and Deep areas.
- High quality Differential THI algorithm (Differential Tissue Harmonic Imaging)
- Qwerty Keyboard
- Latest Windows 7 or latest Operating System
- Complete and interactive measure packages
- Connectors 03 for electronic probes.
- Frame Rate 500 FPS or more
- No of Channels 15000 or more

- Frequency range from 2 up to 14 MHz (Matrix) Probe depending)
- Cine Memory 4000 pictures or more
- Scanning Dept: 36 cm or more
- Dynamic Range: 200 db or more

System Advance Application Software:

- Tissue Enhancement Imaging
- Panoramic Imaging
- Clips Archiving and Management System (Still and Clips)
- General Imaging: Abdomen, Thyroid, Small Parts,
- Musculo-skeletal, Breast, Urology
- Vascular Package
- OB/GYN License
- Compound Imaging
- Real Time Elastography

Connectivity & Peripherals:

- HD 200GB or more
- Media Storage Device USB, CD, HD, VTR, Network
- 3 USB Ports in standard or more
- DVD/CD RW in standard

To be supplied with:

1 Imported Built-in Trolley
2. Thermal Printer with 100 High Density Rolls
3. Compatible UPS with Color Doppler Machine
4. Multi frequency 2.0 to 6.0 MHz 128 Elements Convex Probe
5. Multi frequency 6.0 to 10.5 MHz 128 Elements Linear Probe
6. Multi frequency TOE/TEE Probe to cover 4.0-6.0 MHz for Adult.
7. Must be CE marked (MDD/ CE Certificate) OR FDA approved OR (MHLW)
8. Operating Manual (Hard Copy 03 and Soft Copy)
9. Service Manual (Hard Copy 03and Soft Copy)

POWER REQUIREMENT:

•Single phase with line voltage of 220V, 50 Hz

NOTE:

1. The system must be complete with all Cables, Leads, Probes & Batteries or any other accessory required for measuring all above selected parameters with disposables & consumable items for Adult & Pediatrics Patients.
2. Warranty period should be five years from the date of commissioning with parts including yearly replacement (or as per recommendation of manufacturer) of preventive maintenance kits (If applicable) and Parts & Accessories i.e., Probes, Cables, Transducers, Batteries etc. except disposables and consumable items.
3. Life time free software upgrade and software installation in case of software is corrupted.
4. Prices of all components i.e. Probes etc should be quoted separately along with the total price of the system in the financial offer.

Optional:

1. CW (Continuous Wave) Imaging
2. Multi frequency Phased array sector probe to cover 2.0 - 3.5 MHz for Adult

3. Multi frequency Phased array sector probe to cover 5.0 - 7.5 MHz for Peads.
4. CW Pencil Probe
5. TVS Probe Multi Frequency 4.0 to 9.0MHz
6. Linear Biopsy Probe
7. 3D & 4D Imaging (Convex & TVS)

25. Cerebral oximeter

1. The device should be FDA cleared for measuring absolute cerebral tissue oxygen saturation (Sto2) for all patient population; neonatal (<8kg) and pediatric/adult in their cleared weight and sensor size.
2. Adult sensor with an interrogation depth of 2.5cm.
3. 4 different sensor sizes with 3 different penetration depths in order to accommodate for the anatomical differences of the different patient population.
4. Compensate for the interference of stool (meconium) when measuring abdominal StO2 in neonates <4kg.
5. Compensate for the effects of melanin and patient specific tissue properties when measuring cerebral Sto2.
6. Allow for age and weight entry to compensate for anatomical and human growth differences.
7. The device's data should refresh at every 2 seconds or less.
8. The device should utilize at least 4 laser wavelengths to achieve greater precision and accuracy in Sto2 measurements.
9. The device's Co-Oximetry Reference value can be obtained from the formula $StO_2=SaO_2$ X 0.3 + $SjvO_2$ X 0.7.

26. Crisis Manikin

- Model: Ambu cardiac care trainer with Manual Monitor and CPR software (ECH Box Built in having 26 ECG Rhythms) and Windows compatible Laptop core i5 (HP, Dell, Acer)
- Full body, IV arm and Heart core
- At least two international standards

27. Laboratory Incubator

Temperature Range	10 to 80^0C
Control Accuracy	$\pm$ 0.5^0C
Volume	150 Liters
Temperature Control	PID
Display	TFT/LED
Operating Voltage	220 V
Ventilation and Control	

- Self diagnostic for fault analysis.
- Parameters adjustable temperature (Celsius or Fahrenheit), fan speed, air flap position, programme time, time zones, summertime / winter time.
- Programme stored in case of power failure.
- Incl. works calibration certificate for + 37^0C.

Multiple overtemperature protection

- With audible and visual alarm
- Over temperature monitor

Textured stainless steel casing

- Fully insulted stailes steel door with 2-point locking (compression door lock).
- Inner glass door.

- Rear zinc / copper plated steel

Interior – Heating Concept

- Easy to clean interior, made of stainless steel, reinforced by deepdrawn ribbing with integrated and protected large area heating on four sides.

Temperature Range

- Min, 10^0C above ambient up to + 80^0C

28. Tube sealer

- For manual/ electric handling and processing of blood bags in the blood donor area for 5 mm tubes.
- Microprocessor controlled high frequency generator unit.
- Adjustable sealing time upto 5 sec.
- Over temperature alarms.
- Rechargeable battery operated unit with charging unit.
- Battery backup for 1000 sealing's.
- Hand held sealer with 3meter cable.

29. Plasma Extractor

- Control Manual
- Stainless steel constructed
- Visual clarity
- Frame and contruction: Stailness steel
- Compression plate designed to exert uniform pressure on the blood bag.
- Attractive front panel bezel.
- Durable and reliable – Sturdy contruction.
- Portable – Light weight.
- Easy to use – Simple design

30. Air sample collector for Micro

- Press on button for air sampler display main Menu
- Air sampler already adjustable and updated software version
- Air volume adjustable if not fixed then
- 1000Ltr (100Ltr per mint)
- Plate adjustment in air sampler grid
- System on press for air sucker
- After air sucking system will motion alarm for replaced the plate grid
- Proper off the system and keep in safe zoon.
- We may check the 1000Ltr per 10mints if yes then environment air is good.
- And for more detail in depth you may follow the more steps if required.
- After sampling incubate the plate at 37C for 48hours (24h to 72h)
- After the incubation time period observe the plate for color counting.
- 30cfu per sampled volume.
- As bacteria colonies forming
  a. Plate yellow
  b. Yellow
  c. White
  d. Off white
  e. Orange

31. Portable echo machine

DIGITAL ECHOCARDIOGRAPHY MACHINE

A complete dedicated digital Echocardiography unit for wide range of premium performance application of cardiovascular imaging in pediatrics and adult. Receiving / processing channels min. 15000-20000. Mobile built in trolley system with built in workstation / data management system for digital acquisition, storage and review of complete ultrasound studies including static and dynamic clips in DICOM format, read/write zoom. Studies can be reviewed and output to CD / DVD. The machine must have sharp and high quality image reproduction with heavy duty performance. It should have minimum following specification.

DISPLAY:

Display size Min. 19" Flat/TFT, tiltable and swiveable type with articulating arm.

OPERATING MODES:

B, 2D M-Mode, Power Doppler, HPRF, Spectral Doppler, Color Doppler, Velocity Mode, Pw Doppler, Duplex And Triplex Doppler, CW Doppler Steerable and ECG Gating, TEE imaging , IMT, Stress Echo, Strain rate imaging, Tissue Doppler Imaging,, Contrast Imaging, Anatomical M Mode, Panoramic Imaging,

CONTROL PANEL:

Alphanumeric keyboard with built-in trackball and 7" touch screen control panel Direct access to system functions through dedicated keys.

Indicator lights identify activated keys.

Audio volume control with bidirectional / stereo speakers and foot switch User selectable image magnification control.

Adjustable transmit focusing control.

Total and Lateral Gran Compensation controls (6 or more).

3 Active Probe connectors + 1 for Doppler probe.

CALIPER / MEASUREMENTS:

6 to 8 calipers for measurement per screen trace length measurements for:

Distance, angle, distance depth from skin line, area, circumferences, compound / volume, slope, time, heart rate and acceleration, Auto Ejection Fraction Measurements.

APPLICATION:

Cardiac, Peripheral, pediatric, adult cephalic and transesophageal with all required software for measurements.

DISPLAY MODES:

Live and stored display format: full size and split screen. Review image format: for still and cine, simultaneous capability B+PW, B+ CFM +PW, CW, B+ or triplex mode, B+ color split screen display.

2D mode, M-mode, color Doppler imaging, color Doppler imaging, color m-mode, PW / HPRF Doppler, CW Doppler, TEE imaging , IMT, Stress Echo, tissue Strain imaging, Tissue Doppler Imaging, Anatomical M Mode, Panoramic Imaging. Vascular imaging vascular calculations, cardiac measurements and full cardiac imaging.

CINE MEMORY

Min. Cine Memory for 1000 frames or 250MB min.

IMAGE VIEWING DEPTH: 36 cm or more

FRAME RATE
Minimum frame rate 1000 Hz

STORAGE DEVICE
Built-in CD / DVD and USB Drive

SYSTEM DYNAMIC RANGE
Dynamic range minimum 200 dB or more

COMMUNICATION SOFTWARE
System should upgradable for DICOM 3 communication software for:
Image Storage, print, Query / Retrieve, Network Communication.

Probes:
Should be light weight, capable of multiple centre frequencies on transmit for 2D, color Doppler PW/CW (Steerable) Imaging and to perform Harmonics.

PORTS:
Video Output, USB / RS 232, Networking

POWER REQUIREMENT
220-240VAC 50 Hz

STANDARD TRANSDUCERS:

1. Multi frequency Linear Probe to cover 7.5-12.0 MHz.
2. Multi frequency Phased array sector probe to cover 2.0 - 3.5 MHz for Adult
3. Multi frequency Phased array sector probe to cover 5.0 - 7.5 MHz for Peads.
4. Multi frequency TOE/TEE Probe to cover 4.0-6.0 MHz for Adult.
5. CW Pencil Probe

ACCESSORIES:

- Thermal Printer 256-Gray scale
- UPS: 2 KVA (imported)
- 50 High Density / High Glossy thermal paper Rolls
- Gel: 20 liters

NOTE:

1. The system must be complete with all Cables, Leads, Probes & Batteries or any other accessory required for measuring all above selected parameters with disposables & consumable items for Adult & Pediatrics Patients.
2. Warranty period should be five years from the date of commissioning with parts including yearly replacement (or as per recommendation of manufacturer) of preventive maintenance kits (If applicable) and Parts & Accessories i.e., Probes, Cables, Transducers. Batteries etc. except disposables and consumable items.
3. Life time free software upgrade and software installation in case of software is corrupted.
4. Prices of all components i.e. Probes etc should be quoted separately along with the total price of the system in the financial offer.

OPTIONAL:

1. Multi frequency Convex probe to cover 3.5-5.0 MHz
2. TVS Probe Multi Frequency 4.0 to 9.0MHz
3. Linear Biopsy Probe

32. Echo machine

DIGITAL ECHOCARDIOGRAPHY MACHINE

A complete dedicated digital Echocardiography unit for wide range of premium performance application of cardiovascular imaging in pediatrics and adult. Receiving / processing channels min. 15000-20000. Mobile built in trolley system with built in workstation / data management system for digital acquisition, storage and review of complete ultrasound studies including static and dynamic clips in DICOM format, read/write zoom. Studies can be reviewed and output to CD / DVD. The machine

must have sharp and high quality image reproduction with heavy duty performance. It should have minimum following specification.

DISPLAY:
Display size Min. 19" Flat/TFT, tiltable and swiveable type with articulating arm.

OPERATING MODES:
B, 2D M-Mode, Power Doppler, HPRF, Spectral Doppler, Color Doppler, Velocity Mode, Pw Doppler, Duplex And Triplex Doppler, CW Doppler Steerable and ECG Gating, TEE imaging , IMT, Stress Echo, Strain rate imaging, Tissue Doppler Imaging,, Contrast Imaging, Anatomical M Mode, Panoramic Imaging,

CONTROL PANEL:
Alphanumeric keyboard with built-in trackball and 7" touch screen control panel Direct access to system functions through dedicated keys.
Indicator lights identify activated keys.
Audio volume control with bidirectional / stereo speakers and foot switch User selectable image magnification control.
Adjustable transmit focusing control.
Total and Lateral Gran Compensation controls (6 or more).
3 Active Probe connectors + 1 for Doppler probe.

CALIPER / MEASUREMENTS:
6 to 8 calipers for measurement per screen trace length measurements for:
Distance, angle, distance depth from skin line, area, circumferences, compound / volume, slope, time, heart rate and acceleration, Auto Ejection Fraction Measurements.

APPLICATION:
Cardiac, Peripheral, pediatric, adult cephalic and transesophageal with all required software for measurements.

DISPLAY MODES:
Live and stored display format: full size and split screen. Review image format: for still and cine, simultaneous capability B+PW, B+ CFM +PW, CW, B+ or triplex mode, B+ color split screen display.
2D mode, M-mode, color Doppler imaging, color Doppler imaging, color m-mode, PW / HPRF Doppler, CW Doppler, TEE imaging , IMT, Stress Echo, tissue Strain imaging, Tissue Doppler Imaging, Anatomical M Mode, Panoramic Imaging. Vascular imaging vascular calculations, cardiac measurements and full cardiac imaging.

CINE MEMORY
Min. Cine Memory for 1000 frames or 250MB min.

IMAGE VIEWING DEPTH: 36 cm or more
FRAME RATE
Minimum frame rate 1000 Hz

STORAGE DEVICE
Built-in CD / DVD and USB Drive

SYSTEM DYNAMIC RANGE
Dynamic range minimum 200 dB or more

COMMUNICATION SOFTWARE
System should upgradable for DICOM 3 communication software for:
Image Storage, print, Query / Retrieve, Network Communication.

Probes:
Should be light weight, capable of multiple centre frequencies on transmit for 2D, color Doppler PW/CW (Steerable) Imaging and to perform Harmonics.

PORTS:
Video Output, USB / RS 232, Networking

POWER REQUIREMENT
220-240VAC 50 Hz

STANDARD TRANSDUCERS:
1. Multi frequency Linear Probe to cover 7.5-12.0 MHz.
2. Multi frequency Phased array sector probe to cover 2.0 - 3.5 MHz for Adult
3. Multi frequency Phased array sector probe to cover 5.0 - 7.5 MHz for Peads.
4. Multi frequency TOE/TEE Probe to cover 4.0-6.0 MHz for Adult.
5. CW Pencil Probe

ACCESSORIES:
- Thermal Printer 256-Gray scale
- UPS: 2 KVA (imported)
- 50 High Density / High Glossy thermal paper Rolls
- Gel: 20 liters

NOTE:
5. The system must be complete with all Cables, Leads, Probes & Batteries or any other accessory required for measuring all above selected parameters with disposables & consumable items for Adult & Pediatrics Patients.
6. Warranty period should be five years from the date of commissioning with parts including yearly replacement (or as per recommendation of manufacturer) of preventive maintenance kits (If applicable) and Parts & Accessories i.e., Probes, Cables, Transducers. Batteries etc. except disposables and consumable items.
7. Life time free software upgrade and software installation in case of software is corrupted.
8. Prices of all components i.e. Probes etc should be quoted separately along with the total price of the system in the financial offer.

OPTIONAL:
1. Multi frequency Convex probe to cover 3.5-5.0 MHz
2. TVS Probe Multi Frequency 4.0 to 9.0MHz
3. Linear Biopsy Probe

33. TEE probe (ADULT)
- Multiplane TEE Transducer (3 – 6 MHz) for adults.
-

34. Portable handy hand Echo machine
- Pocket size cardiovascular machine complete with Docking station ,charger and Port Rapidly evaluate cardiac murmurs to assess valve thickening and blood flow leakage.
- Scan time of 55Mins or more with fully charged battery.
- Display Size: 3.5 inch minimum.
- Probe: Phased array Probe frequency range 2 to 3.5MHz
- Depth: imaging depth upto 25Cm or better
- Storage:SD card storage compatibility, upgradeable upto 2468 or more
- Applications: Cardiac,Abdomen,Urinary bladder, obstetric
- System should be capable of performing basic distance measurements, Annotations should be available.
- System should be able to playback recorded images and loops and transfer the same to a PC via dedicated software (from the manufacturer of the main echocardiography system)

35. Pulse Oximeter

For non-invasive measurement of Peripheral Oxygen Saturation and Pulse.

Display of oxygen saturation and pulse rate

PARAMETERS:

Spo2

Wave form and Numeric % Oxygen saturation O - 100

Pulse beat Pulse strength perfusion indication

Pulse

Pulse Range: 30 ~ 25obpm

Alarms High and low (selectable)

Visual and Audible indication of alarms

Trend Memory

Accessories

Built in rechargeable battery

Adult finger sensor

Operating manual

Operating Requirement:

AC 22oV/ 50 Hz

36. Invasive cardiac monitor for wards

MODULAR VITAL SIGN MONITOR

For monitoring of patients vital signs

Operating Features and Characteristics:

Non fade TFT color display
Electro-surgical interference suppression/protection
Defibrillator protection
Freeze and cascade facility
Waveform trace speed: 25 to 50 mm/sec
Screen Size: min. 10" or more TFT/LCD color Touch Screen display

PARAMETERS:

- **ECG:**

Numeric: heart rate
Waveform: 12 Wave forms minimum, real time and freeze
ECG trace

- **Non-Invasive Blood Pressure (NIBP):**

Method: Oscillometric principle
Numeric: Systolic, diastolic and mean pressures
Selectable auto inflate interval settings
Rising cuff / continuous pressure display

- **Temperature:**
  Numeric: Temperature selectable in ^{o}C / ^{o}F
  Channels: 2 channels
- **Pulse Oximetry:**
  Numeric: 0-100% oxygen saturation measuring range.
  Waveform: plethysmograph pulse with pulse strength indication.
  Reusable sensor electrode.
  Reusable cuff.
- **Arrhythmia Analysis:**
  Arrhythmia analysis and st analysis.
  Minimum 10 arrhythmia items.
- **Respiration:**
  Breath rate display and alarms.
  Sweep speed; 12.5 to 50 mm/sec.
- **Other Features:**
  Trend Data; up to 72 hours trend graphical and tabular
- **Alarms:**
  High & low (settable) on all parameters
  Visual and audible indication of alarms.
- **Operating Requirements:**
  Ac 22ov/50hz
  Built-in rechargeable battery for at least 1-2 hours AC power failure at full parameter
  Facility for slave monitoring.
- **Wall Mount (Original / Local)**

Note-1: The system must be complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters. Monitor should be compatible with central monitoring system.

Note-2: All allied accessories should be original and from the same manufacturer.

Country Of Origin: USA, Western EUROPE and JAPAN.

37. X-Ray Film Auto Processor

- High throughput free Standing type
- Continuous roller transport
- Sheet film, 10x10cm-35x43cm sizes (14"x17")
- High through put more than 110 sheets (35 x 43cm)
- Forced hot air circulation method
- Piping installed in the DEV and FIX racks.
- Processing solution temperature; Controlled by the temperature control tank, with the thermistor monitoring, with the heater heating and with the wash water cooling. Drying temperature; Controlled automatically according to a fixed temperature setting.

38. Telemetry System with central monitoring

- 8 patients Telemetry monitoring system, upgrade able upto 32 patients
- Monitoring parameters 12 lead ECG, HR ,SpO2.NIBP and temperature RR or more
- PC based system architecture with Windows operating system.
- Pre configured branded PC hardware from manufacturer/ system with "LCD. Touchable 24" and greater.

- User configurable audible and visual event alarms. (high, medium and low) with PDA device and software compatible with mobile (for event alarm)
- Alarm and event review with selectable filters/during exercise etc
- Arrhythmia analysis including, arrest, bradycardia, tachycardia, vtach, vfib.
- PR, QRS and QT intervals analysis.
- User defined graphical trends and tabulations.
- Company must be FDA Approved
- Storage of events and alarms for review and printing.
- One minute ECG storage surrounding each alarm event.
- Final report editing, printing and archiving or more.
- Complete system with accessories, supplies and network.
- 1KVA online UPS system for CPU and LCD only.
- Heavy-duty laser printer.
- System with these or more specifications.

39. Ultrasound therapy unit

Ultrasound Therapy Unit

- Ultrasound, frequencies 1 and 3 MHz
- Continuous and Pulse Frequency / duty cycle 100 Hz/ 5, 10, 20, 50 % or more Multi-frequency treatment head 1 and 3 MHz Large
- Contact control
- Automatic power switch-off and treatment time interuption in case of insufficient contact.
- The visual indicator of the treatment head switches on when in proper contact Number of connections 1 or more Intensity : 0-2 W/cm2 Continuous, 0-3 W/cm2 pulsed programmable memory
- Mains voltage: 100-240 V ± 10% (50/60 Hz) or other anatomical based treatment modes.
- Dimensions: 290x280x105 mm or more
- Complete with standard accessories

EMS

- Approved and authorised for medical use high level of salty for patient and user
- Low and medium frequency current types lnterfrence Russian Stimulation
- Asymmetrical biphasal pulse current (TENS) Symmetrical biphasal pulse current (TENS) Rectangular Current triangular
- Current Micro Current
- High Voltage
- Diadynamic Currents
- Intermediate frequency interrupted direct current
- Burst TENS
- Constant Voltage / Constant Current Bipolar Interference
- Classic Interference more current and specification acceptable Automatic Dipole Vector
- Variable carrier frequencies of 2, 4 or 10 kHz or more at bi-polar interferential these or more
- Pre-programmed simple protocols
- Pre-programmed sequential protocols simple protocols
- 10 free programmable memory positions for
- Adjustable intensity per channel

- Pre-programmed treatment protocols Point electrode 5mm in combination with adapter plug 4mm or more Electrode holder
- Complete with standard accessories

40. Hydrocolator

- Approved and authorised for medical use
- The Hydrocollator supplied with standard 12 Moist pack packs of 25x30 cm. Easily moved on rubber wheels Tank capacity: 68,81 I
- Temperature range: 71-74°C more rane acceptable Mains voltage: 220-240 V
- Mains frequency: 50/60 Hz
- Power consumption: 1000 W
- Dimensions (hxdxw): 85,09x67,31x39,37 cm or othes Complete with standard accessories

41. Cardiac Monitor (Vital signs) with pediatric B.P. cuffs

MODULAR VITAL SIGN MONITOR

For monitoring of patients vital signs

Operating Features and Characteristics:

Non fade TFT color display
Electro-surgical interference suppression/protection
Defibrillator protection
Freeze and cascade facility
Waveform trace speed: 25 to 50 mm/sec
Screen Size: min. 10" or more TFT/LCD color Touch Screen display

PARAMETERS:

- **ECG:**

Numeric: heart rate
Waveform: 12 Wave forms minimum, real time and freeze
ECG trace

- **Non-Invasive Blood Pressure (NIBP):**

Method: Oscillometric principle
Numeric: Systolic, diastolic and mean pressures
Selectable auto inflate interval settings
Rising cuff / continuous pressure display

- **Temperature:**

Numeric: Temperature selectable in ^{o}C / ^{o}F
Channels: 2 channels

- **Pulse Oximetry:**

Numeric: 0-100% oxygen saturation measuring range.
Waveform: plethysmograph pulse with pulse strength indication.
Reusable sensor electrode.
Reusable cuff.

- **Arrhythmia Analysis:**

Arrhythmia analysis and st analysis.
Minimum 10 arrhythmia items.

- **Respiration:**

Breath rate display and alarms.
Sweep speed; 12.5 to 50 mm/sec.

- **Other Features:**
  Trend Data; up to 72 hours trend graphical and tabular
- **Alarms:**
  High & low (settable) on all parameters
  Visual and audible indication of alarms.
- **Operating Requirements:**
  Ac 22ov/50hz
  Built-in rechargeable battery for at least 1-2 hours AC power failure at full parameter
  Facility for slave monitoring.
- **Wall Mount (Original / Local)**

Note-1: The system must be complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters. Monitor should be compatible with central monitoring system.

Note-2: All allied accessories should be original and from the same manufacturer.

Country Of Origin: USA, Western EUROPE and JAPAN.

42. Ventilator (2 x with HFO & 3 x Simple)

- Ventilation: Microprocessor based controlled ventilation system on rolling stand for pediatric, infant and neonates.
- Flat Color TFT - LCD Color Touch screen 12" Minimum or more.
- lnspiratory and Expiratory filter reusable.
- Pressure control and Volume control.
- Volume Control, PCV, VCV, PRVC, SIMV, PSIMV, PSV, CPAP, BILEVEL,
- Tidal Volume 2 – 2000ml.
- Respiratory Frequency 3-120 bpm.
- SIMV Respiratory Rate 4-120 bpm
- I:E ratio 1:9 to 4:1
- Peak lnspiratory flow >170 L/ min
- Inspiratory pressure 1 – 98 cmH2O
- lnspiratory Time 0.25 to 15 sec
- PEEP 0-50 cm H20
- FiO2. 21 – 100%
- Flow Trigger 1 – 9 Ltr/min
- Pressure Trigger -10 to - 0.25

Monitoring Parameters with Digital / Graphical Display:

- Total breath rate, Plateau pressure / Rise time, Oxygen concentration F iO2, expired minute volume, Expired Tidal Volume, Peak Pressure, Mean Pressure, Base pressure / Pressure at the end of exhalation

Others controls and functions:

- Back up apnea ventilation, Microprocessor control unit, Breathing circuit
- Compliance Compensation, Expiratory Hold and lnspiratory hold, Flow Trigger
- Sensitivity, Mounted on Trolley with lockable wheels.

Alarms:

- Apnoea, High and low Expired minute volume, High and low airway pressure, FiO2 concentration, Gas supply source, Low battery, Peak pressure, TV & MV, Respiratory rate, patient disconnected, leak.

Technical Alarms

- Gas supply or power failure.
- Vent inoperative and low battery

Power Supply:

- 220 V 50 Hz. Power Cables & Hoses for Medical Air.
- With built-in internal re-chargeable battery backup min 2 hrs or more.

Patient Breathing Circuit:

- 2 x set of autoclaveable Reusable Patient Tubing circuit for Paeds with each ventilator.
- 2 x Active autoclaveable expiratory valve and flow sensor for each.

Humidifier:

- Humidifier with temperature monitoring at Airway and Humidification Chamber with Alarms for Low / High Limits.

Data displayed

- Trends
- Numerical, Grapht / waveforms & Loops
- 300 hrs or more for all patients data.

Mobile option

- Mobile base / cart with locking castors

Note: The standard quoted price should include the cost of oxygen sensor along with PPM kits (as per manufacturer recommendations) for the period of three years.

Country of Origin: USA, Western Europe and Japan

43. Ambulatory ECG (12 channel) Holter monitor

- ECG data analysis Continuous acquisition of 2/3 or more leads.
- ECG data analysis
- Time 24 and 48 hours or better.
- ECG data download Via USB, Compact flash card or Wireless.
- Data management Inbuilt patient centric data base for convenient and professional
- Management of electronic record.
- Scan Criteria User adjustable scan criteria to meet variety of clinical requirements.
- Scanning methods
  a. Retrospective scanning for automatic scanning of Holter ECG data.
  b. Prospective scanning for manual scanning in page by page mode.
  c. Superimposition scanning with automatic event stop criteria.
- Trend graphs display HR, RR Interval, RR Variance, ST, SVPB and VPB.
- Profile display Hourly profile display of Rhythm parameters.
- Rhythm analysis
  a. Tachycardia & Bradycardia.
  b. Ventricular (singlet, couplet and run).
  c. Supraventricular (singlet, couplet and run).
  d. Atrial fibrillation (percentage per hour).
  e. Pauses, RR Interval, RR Variance.
  f. Pacemaker analysis (Atrial, Vent. Capture fail, Under and Over sensing)
  g. QT/QTc measurements.
  h. Bigeminal and Trigeminal ectopic pattern.
- ST analysis ST segment measurement, Max ST depression and Max ST elevation.
- Editing features ECG strip/page selection, Strip annotation, on screen caliper for measurement of time interval and amplitude.
- Storage

a. Storage of at least 100 beat by beat full disclosure examinations on system hard disk.
b. PDF file generation of stored examinations for long term record keeping on system hard disk or CD/DVD.

- Report printing a. Printing of report summary, profile and trend graphs.
  a. Printing of selected ECG pages/strips with 10 mm grid.
- ECG Recording time 24 and 48 hours or better.
- Recording leads Continues recording of 3/2 leads or better.
- ECG Sampling rate 175/samples/sec/channel or better.
- LCD Display Inbuilt LCD for standalone patient hookup and verification.
- Battery Commercially available AA/AAA size dry battery for continues recording of ECG (24/48 hours).
- Accessories
  a. ECG Patient cable (compatible to commercially available disposable ECG electrodes)
  b. Holter recorder pouch and belt etc.

PC Hardware (01-Set)

- CPU Branded mini tower CPU (HP/ Dell) with Keyboard & Mouse.
- Operating System Original Windows® licensed from Microsoft.
- Monitor Full HD (1920 x 1080 pixels) Color LCD Display.
- Printer HP Laser Jet

Certificate: Must be CE and FDA approved.
Country of Origin: USA/Japan/Western Europe

44. Ambulatory BP monitoring apparatus

Ambulatory Blood Pressure Monitoring System (ABP)
ABP Analysis Software: (QTY. 01)

- Data Analysis
- Capability 24 hours or better.
- Data download technique Via USB, Compact flash card or Wireless.
- Data management Inbuilt patient centric database for convenient and professional management of electronic record.
- Data presentation
  a. Presentation of recorded data (Sys BP, Dia BP and Pulse Rate) in trend graph, tabular, report and detailed statistics.
  b. Ability to identify automatically awake/ asleep cycles.
  c. Capability to compare current results Vs previously measured.
  d. Capability to program recording device according to individual clinical requirements.
- Test reports Customized reports in Microsoft® Word, HTML or PDF formats.
- Data import/ export Import/export of electronic data in non proprietary XML or CSV (Excel-compatible) format.

ABP Recorder (QTY. 10)

- BP Recording time 24 hours or better.
- Measurement
- technique Oscillometric.
- Measurement Range Systolic (60-260mmHg), Diasystolic (30-160mmHg), Pulse Rate (30-180).
- Measurement
- Intervals Programmable intervals 5, 10, 15, 30, 45, 60, 75, 90 and 120min.
- Storage Capacity 300 measurements or more.
- Battery Commercially available AA/AAA size dry battery for measurement of (250 readings).

Accessories

a. Each recorder should include Regular, Large, and Small size BP cuff (one each).

b. Patient wearable recorder pouch (one each).

Certifications: Must

45. Electrophysiology Lab system (complete) (EP tracer / BARD / St Jude) with UPS (including ablator)

46. Intra cardiac Electrophysiology stimulator

Technical Specifications

The components of the Electrophysiology Lab System must include

A) Computer Based Recording System
B) Touch screen based 2 Channel stimulator
C) 100Watt RF Ablator

i. The recording system should be PC based
ii. Operating system must be latest Windows version.
iii. Simultaneous monitoring and background analysis and review is mandatory without interruption to the EP recorder.
iv. Easy and simultaneous archiving to DVD or external HDD desirable.

A. EP RECORDER should be capable of

i. Minimum 160 Intra cardiac inputs or more acquisition.
ii. Multiple pages option for desired leads/channel display on each page at any point during the procedure.
iii. Should have minimum sampling rate of 2 Khz
iv. Digital Amplifier with 16-Bit A/D converter with 1 mV A/D signal conversion
v. 12 lead Surface ECG channel.
vi. 4 Pressure channel.
vii. 4 Analog Inputs.
viii. 4 Stim Inputs.
ix. Adaptive filter .
x. Notch filter at either 50 or 60 Hz
xi. Sweep speed - up to 800.
xii. Triggered sensing
xiii. Programmable Surface ECG inputs range & filters on Individual channels
xiv. Programmable IC inputs range & filters on Individual channels.
xv. Template matching for VT analysis is a MUST.
xvi. Stim detection feature for refractory period, SNRT, Incremental pacing analysis
xvii. T-Wave Subtraction for Atrial Tachycardia analysis is a MUST.
xviii. AF cycle length & FFT for Atrial fibrillation analysis is a MUST.
xix. Minimum # of Channels to be displayed is 60 channels
xx. Minimum # of pages to be displayed is 10 channels
xxi. Holter, Online User manual & Help facility
xxii. Two High resolution Monitors
xxiii. Laser Printer
xxiv. Mouse and Key board
xxv. DVD/CD archiving facility
xxvi. Cart with castor wheels.
xxvii. Operating system for recording system should be minimum Windows 7
xxviii. 4 21" High Resolution monitors for Local and remote viewing.
xxix. Minimum HDD capacity of 250 GB of dedicated patient data storage.

B. Computerised Stimulator should be capable of

i. Two Channel isolated constant current Generator controlled by dedicated Stand Alone unit.
ii. 10 fully automated Pre programmed protocols including.
iii. AV Sequential pacing.
iv. Bi-ventricular Pacing protocol.
v. Anti-tachycardia pacing protocol.
vi. Capable of providing up to 6 extra stimuli.
vii. Work on both channels with Max current limit up to 25 mA.
viii. ECG/PQRS graphical display & control.
ix. Trigger on premature ectopic beats.
x. Configurable to multiple users.
xi. Stop on tachycardia for arrhythmia induction.
xii. On line help and teaching diagrams.
xiii. Preset Extra stimulation.
xiv. Catheter Tip ECG Sense.
xv. Open circuit warning.
xvi. Beat to Beat Impedance.
xvii. Mains and Battery Backup operation.
xviii. Battery Backup Operation up to 30 minutes.
xix. Emergency Pacing.
xx. Non-Windows Crash-free operating system.
xxi. Inbuilt training modules (Video or text) covering all aspects of stimulator functionality.
xxii. FDA Approved

C. RF Ablator Generator.

i. Power range from 1 W to a maximum 100 W RF ablator.
ii. Should be delivering energy in temperature control or power control mode.
iii. Capable of continuous RF generation for at least 120 sec.
iv. Digital display of impedance, power, temperature and time and audio alarm when energy is being delivered.
v. Direct interface with all electrophysiology recording systems such that the parameters are displayed and recorded on the recording system during energy delivery.
vi. Desirable for the ablator to support both sensors using one connector cable i.e. no need to have separate cables for thermostat and thermocouple sensor based catheters.
vii. Auto-cutoff feature for sudden fluctuations in impedance or temperature.
viii. Ground patch should be of universal make and easily available.
ix. Should be able to provide connector cables for all makes of ablation catheters.
x. Should be CE (Europe) or US FDA approved.

RAWALPINDI INSTITUTE OF CARDIOLOGY

BIDDING DOCUMENTS FOR PROCUREMENT

OF ANNUAL TENDER OF

REPAIR & MAINTENANCE OF MACHINERYAND EQUIPMENTS

(2014-2015)

CHECK LIST

S #	***DETAIL***	***YES / NO***	***PAGE #***
	KNOCK OUT CLAUSES		
1	Original receipt for purchase of tender		
2	Valid National ID Card (NADRA)		
3	Company profile (Name, Address, Tel No)		
4	Acceptance of terms and condition of tender documents duly signed and stamped		
5	Min one years' experience in supplying to Government / Autonomous institutions		
6	An affidavit on stamp paper of Rs.100/- submitting that the firm is never blacklisted on any grounds whatsoever from Government / Autonomous institutions		
7	Price should not be mentioned on technical bid, if mentioned, bid will be cancelled		
8	Valid National Tax Number		
9	Valid General Sale Tax certificate		
10	Valid Professional Tax certificate if applicable		
11	Fresh CDR / Bank Guarantee		
	GENERAL CLAUSES		
1	Detail of staff / profile of company		
2	Supply orders detail over last two years (minimum) from Government organization / Autonomous institutions and private organizations.		
3	An affidavit on stamp paper of Rs.20/- that the bidder shall provide Medical & Laboratory Equipments to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi as per Demand / Orders.		

INVITATION FOR BIDS

RAWALPINDI INSTITUTE OF CARDIOLOGY RAWAL ROAD, RAWALPINDI

Reference No: RIC/ PO/2673/14, Dated: 22-12-2014

The Rawalpindi Institute of Cardiology invites sealed bids from the eligible bidders for supply of material to meet the requirement of Rawalpindi Institute of Cardiology. Detailed description and quantities of material are given in the Bidding Documents.

Interested eligible bidders may get the Bidding Documents at the address mentioned below on submission of written application along with payment of non-refundable fee of Rs. 1000/-. Bidding Documents shall be issued up to **10-01-2015 on 02:00 PM** However, a copy of the Bidding Documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) and http://health.punjab.gov.pk until the closing date for the submission of bids.

Bidding will be conducted through Single Stage – Two Envelopes bidding procedure as per Punjab Procurement Rules 2014

Bids must be delivered to the address below at or before **11:00 AM on 13-01-2015** Bid security of 2% of the total bid value in the shape of call deposit (CDR) / Bank guarantee should be **attached with the financial bid**. Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below at **11:30 AM on 13-11-2015**. The Bidders are requested to give their best and final prices.

Executive Director
Rawalpindi Institute of Cardiology
Rawal Road, Rawalpindi

Bid Data Sheet

ITB Ref	Descripti	Detail
N/A	Bid reference number	RIC/ PO/2673/14, Dated: 22-12-2014
N/A	Commencement of sale of Bidding Document	After one day of publishing of advertisement in newspaper.
N/A	Last date of sale of Bidding Document	10-01-2015 on 02:00 PM
ITB Clause 24	Last date and time for the receipt of bidding	13-01-2015 on 11:00 AM
N/A	Pre-bid meeting date, time and venue	12-01-2015 on 11:00 AM at Conference Room RIC, Rawalpindi
ITB Clause 27	Date, time and venue of opening of technical Bids	13-01-2015 on 11:30 AM Conference Room RIC, Rawalpindi
ITB Clause 16	Bid currency	PKR
ITB Clause 13	Language of bid	English or Urdu
ITB Clause 20	Amount of bid security	2% of the total bid value
ITB Clause 21	Bid validity period	90 Days
ITB Clause 09	Bidding procedure	Single stage – Two Envelop procedure
ITB Clause 27	Address for communication: **Executive Director Rawalpindi Institute of Cardiology** **Rawal Road, Rawalpindi**	

INSTRUCTIONS TO BIDDERS

1. **Source of Funds:** The Government of Punjab, Health Department has allocated funds for repair and maintenance of machinery / equipments to the individual institution under their relevant Head of Account which will be utilized by Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi for the purchase of repair and maintenance of machinery / equipments during the financial year 2014-15. Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi intends to fix the price / conclude the contract for the repair and maintenance of machinery / equipments on Free Delivery to Consignee's end basis directly to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi

2. **Eligible bidders**: This Invitation for Bids is open to all printers having income tax/sale tax registered distributors/suppliers for the repair and maintenance of machinery / equipments on Free Delivery to Consignee's end basis. The bidder shall also have to submit a copy of registration certificate and Memorandum of Association / Partnership deed registered with the Registrar of Companies in Pakistan. The bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices, declared by any Government (Federal/Provincial/District), a Local Body or a Public Sector Organization.

3. **Eligible Goods and Services:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term **"Goods"** includes any Goods that are the subject of this Invitation for Bids and the term "**Services**" shall include related services such as transportation, insurance etc. The **"origin**" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced through manufacturing or processing, or substantial and major assembly of ingredients / components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

4. **Cost of Bidding:** The bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the manner or outcome of the bidding process.

NOTE: List of required items with specifications is attached at the end of this document.

THE BIDDING DOCUMENTS

5. Content of Bidding Documents

i. The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the invitation for bids, the bidding documents shall include:-

a) Instructions to bidders;
b) General Conditions of Contract;
c) Special Conditions of Contract;
d) Schedule of Requirements;
e) Technical Specifications;
f) Manufacturer's Authorization Form;
g) Performance Guaranty Form;

ii. The **"Invitation for Bids"** does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed above, the said Bidding Documents shall take precedence.

iii. The bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents.

iv. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the bidder's risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents: A prospective bidder requiring any clarification of the bidding documents may notify the Procuring Agency, in writing at the Procuring Agency's address, indicated in the Invitation for Bids. The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives no later than ten (10) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective bidders that have received the bidding documents. Pre-bid conference will also on the date and time mentioned in Bid Data Sheet at the Conference Room of RIC.

7. Amendment of Bidding Documents: At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment. All prospective bidders that have received the bidding documents shall be notified of the amendment in writing or by phone, and shall be binding on them. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.

PREPARATION OF BIDS

8. Language of Bid: The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising the Bid: The bid shall comprise the following components:

(a) Bid Form and Price Schedule completed in accordance with instruction to bidders (to be submitted along with financial proposal).
(b) Documentary evidence established in accordance with instruction to bidders that the bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
(c) Documentary evidence established in accordance with instruction to bidders that the goods to be supplied by the bidder are eligible goods and conform to the bidding documents; and
(d) **Bid Security @ 2% of the total value of the bid** in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi.

Note: Bid security must be submitted only with Financial Bid. Bid will be rejected if bid security (original or photocopy) is submitted with Technical Bid

10. **Bid Form & Price Schedule:** The bidder shall complete the Bid Form and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their strength, packing, quantity, and prices.

11. **Bid Prices:**

i. The bidder shall indicate on the appropriate Price Schedule the unit prices and total bid price of the goods, it proposes to supply under the Contract.

ii. Form of price Schedule is to be filled in very carefully, preferably typed. Any alteration /correction must be initialed. Every page is to be signed and stamped at the bottom. Serial number of the quoted item may be marked with red / yellow marker.

iii. The bidder should quote the prices of goods according to the technical specifications as provided in the Form of Price Schedule and Technical Specifications. The specifications of goods, different from the demand of bid enquiry, shall straightway be rejected.

iv. **The bidder is required to offer competitive price. All prices must include the General Sales Tax (GST) and other taxes and duties, where applicable. If there is no mention of taxes, the offered / quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.**

v. Prices offered should be for the entire quantity demanded; partial quantity offers shall straightaway be rejected. Conditional offer shall also be considered as non-responsive bidder.

vi. While tendering your quotation, the present trend / inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained.

12. **Bid currencies:** Prices shall be quoted in Pak Rupees.

13. **Documents Establishing bidder's Eligibility and Qualification**

i. The bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

ii. The documentary evidence of the bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the bidder, at the time of submission of its bid, is eligible as defined under instruction to the bidders

iii. The documentary evidence (to be submitted along with technical proposal) of the bidder's qualifications to perform the Contract if its bid is accepted shall establish to the Procuring Agency's satisfaction:

(a) The Sole Agent / Importer shall have to produce letter of authorization from Manufacturer (Foreign Executive Director) and in case of Manufacturer, documentary proof including manufacturing license / registration certificate, to the effect that they are the original manufacturer of the required specifications of goods, shall be provided.

(b) National Tax Number (NTN) and General Sales Tax Number (GST) (if applicable) with documentary proof shall have to be provided by each bidder in the tender.

(c) The bidder shall submit an affidavit on legal stamp paper of Rs. 100/- that their firm is not blacklisted on any ground by any Government (Federal/Provincial/District), a local body or a Public Sector Organization. The bidder shall be debarred from bid on account of submission of false statement.

(d) The bidder should have minimum **one-year experience in the market**. Similarly, it is mandatory that the item to be quoted by the bidder / Manufacturer should have availability in the market minimum for the **last one year**. Documentary proof shall have to be provided in this regard.

(e) The bidder is required to provide with the Technical Proposal, the name of item(s) for which they have quoted their rates in the Financial Proposals.

(f) The bidder must indicate the registration number, make of country of origin / Manufacturer of the Repair & Maintenance , capacity of production of the firm, its financial status, batch capacity, necessary assurance of quality production, GMP / CGMP, and list of qualified technical and supervisory staff working in the production and quality control departments in the manufacturing plants.

(g) The bidder shall provide a list of plant, major machinery and equipment installed in the factory. In case of imported items, the profile / credentials of the foreign Manufacturer in the respective foreign country shall be provided along with bid.

14. Documents Establishing Good's Eligibility and Conformity Bidding Documents:

i. The bidder shall furnish along with Technical Proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods, which the bidder proposes to supply under the Contract.

ii. The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods offered which a certificate of origin issued by the Manufacturer shall confirm.

15. Bid Security @ 2% of the total bid amount in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawalpindi from any schedule bank shall be furnished by the bidder **along with financial offer**.

16. Bid Validity

i. Bids shall remain valid for the period of **Three (3) Months** after the date of opening of Technical Bid, prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

ii. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

iii. bidders who,-

(a) Agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and

(b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities (earnest money).

17. Format and Signing of Bid:

i. The bidder shall prepare and submit its bid along with original purchase receipt. The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid, except for un-amended printed literature.

ii. Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

SUBMISSION OF BIDS

18. Sealing and Marking of Bids

i. The envelopes shall be marked as **"FINANCIAL PROPOSAL"** and **"TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion. The inner and outer envelopes shall be sealed and:

ii. Be addressed to the Procuring Agency at the address given in the Invitation for Bids and;

iii. Bear the name and number indicated in the Invitation for Bids.

iv. The inner envelopes shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared as "non-responsive" or "late".

v. If the outer as well as inner envelopes are not sealed and marked as required by instruction to bidders, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening and shall be rejected forth with.

19. Deadline for Submission of Bids:

Bids must be submitted by the bidder and received by the Procuring Agency at the address specified under instruction to bidders, not later than the time and date specified in the Invitation for Bids. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with instruction to bidders, in which case all rights and obligations of the Procuring Agency and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

20. Late Bid: Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall be rejected and returned unopened to the bidder

21. Withdrawal of Bids: The bidder may withdraw its bid after the bid's submission and prior to the deadline prescribed for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in instruction to bidders.

OPENING AND EVALUATION OF BIDS

22. Opening of Bids

i. The Procuring Agency shall initially open only the envelope marked **"TECHNICAL PROPOSAL"** in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation for Bids. The bidders' representatives who are present shall sign the Attendance Sheet evidencing their attendance. However, the envelope marked as **"FINANCIAL PROPOSAL"** if it is sealed shall be retained in the custody of Procuring Agency without being opened and till completion of the evaluation process.

ii. The bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal / bid opening, except for late bids, which shall be returned unopened to the bidder. However, at the opening of Financial Proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

iii. The Procuring Agency shall prepare minutes of the bids opening (technical and financial).

23. Clarification of Bids: During evaluation of the bids, the Procuring Agency may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted

24. Preliminary Examination

i. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

ii. In the financial bids the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price

shall be corrected. If the bidder does not accept the correction of the errors, its bid shall be rejected, and its bid Security may be forfeited. If there is a discrepancy between words and figures, the amount in words shall prevail.

iii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

iv. Prior to the detailed evaluation, the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Applicable Law, Taxes & Duties shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

v. If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the bidder by correction of the nonconformity.

25. Evaluation & Comparison of Bids

i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.

ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, previous test reports, inspection of plant/ factory / premises (if not previously conducted), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to instruction to bidders.

iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.

iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

26. Evaluation Criteria:

i. For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, inspection of plant / factory /premises, previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate shall be taken into consideration. The following merit point system for weighing evaluation factors/ criteria can be applied for the **TECHNICAL PROPOSALS**. The number of points allocated to each factor shall be specified in the Evaluation Report.

Evaluation Criteria:

Name of Firm: _____

<table>
<tr><th>S#</th><th>Parameters</th><th>Detail</th><th>Marks</th><th>Remarks</th></tr>
<tr><td>1</td><td>Bidder's Past Performance (Last one year) As per Bid Form 4</td><td>Major institutions served:
i. No institution served — 0
ii. 1 — 10
iii. 2 to 3 — 16
iv. 4 to 5 — 24
v. 6 to 7 — 32
vi. 8 and above — 40</td><td>40</td><td>Institutions include Government departments and autonomous departments. Submit supply orders</td></tr>
<tr><td>2</td><td>Bidder's Market experience</td><td>i. 2-3 years — 16
ii. 3-5 year — 28</td><td>40</td><td>Bidders having less than 01 year experiences are ineligible. Provide</td></tr>
</table>

	in quoted items	iii.	Above 5 years	40		evidence of last one year in business
3	Financial status	i.	Last years audited balance sheet	6	20	Bidder can provide more than one Bank certificates showing good financial status
		ii.	Tax returns last three years	6		
		iii.	Bank Certificate	8		

Total marks: 100 **Total marks Obtained:**

Qualifying marks 70%

2. SCHEDULE OF REQUIREMENT:

MODE OF PENALTY	**100% QUANTITY AS PER PURCHASE ORDER**	**TOTAL DELIVERY PERIOD**
WITHOUT PENALTY	30 days	30 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 30 days of Purchase Order	60 Days	60 Days

i) 100% complete information according to the bid evaluation criteria provided by the firm will get maximum marks. **THE INFORMATION PROVIDED BY THE FIRM SHOULD BE RELEVANT, CONCISE AND TO THE POINT AS PER BID EVALUATION CRITERIA, UN NECESSARY DOCUMENTATION WILL HAVE A NEGATIVE IMPACT.**

ii) After technical evaluation is completed, the Procuring Agency shall inform the bidders who have submitted proposals the technical scores obtained by their technical proposal, and shall notify those bidders whose proposal did not meet the minimum qualifying mark which is **60%** or were considered non responsive, that their financial proposals shall be returned unopened after completing the selection process. The Procuring Agency shall simultaneously notify in writing bidders that have secured the minimum qualifying marks, the date, time and location for opening the financial proposals. Bidders' attendance at the opening of financial proposals is optional.

iii) Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to attend. The name of the bidders and the technical score of the bidder shall be read aloud. The financial proposal of the bidders who met the minimum qualifying marks shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened and the quoted price read aloud and recorded.

27. Contacting the Procuring Agency: No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Procuring Agency, it should do so in writing. Any effort by a bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the bidder's bid. Canvassing by any bidder at any stage of the Tender evaluation is strictly prohibited. Any infringement shall lead to disqualification in addition to any other penalty Procuring Agency may in its discretion impose.

28. Qualification & disqualification of bidders: The Procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by firm was false and materially inaccurate or incomplete.

29. Rejection of Bids: The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds. The Procuring Agency incurs no liability, solely towards bidders who have submitted bids. Notice of the rejection of any or all bids shall be given promptly to the concerned bidders that submitted bids.

30. Re-Bidding: If the Procuring Agency rejected all bids, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement under the Punjab

Procurement Rules-2014. The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for bidders, as it may deem necessary.

31. Announcement of Evaluation Report: The Procuring Agency shall declare the results of bid evaluation prior to the award of procurement contract.

AWARD OF CONTRACT

32. Acceptance of Bid and Award criteria

The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Provincial Government, shall be awarded the Contract, within the original or extended period of bid validity.

33. Procuring Agency's right to vary quantities at time of award

The Procuring Agency reserves the right at the time of Contract's award to increase or decrease, the quantity of goods originally specified in the Price schedule and Schedule of Requirements without any change in unit price or other terms and conditions.

34. Limitations on negotiations

Negotiations may not relate to the price or substance of tenders or proposals specified by the bidder in his tender, but only to minor technical, Contractual or logistical details.

I. As guidance only, negotiations may normally relate to the following areas:

- Minor alterations to technical details, such as the terms of reference, the scope of work, the specification or drawings;
- Minor amendments to the Special Conditions of Contract;
- Finalizing the payment arrangements;
- Mobilization arrangements;
- Agreeing final delivery or completion schedules to accommodate any changes required by the procuring agency;
- The proposed methodology or staffing;
- Inputs required from the procuring agency;
- Clarifying details that were not apparent or could not be finalized at the time of bidding;
- The bidder's tax liability in Pakistan, if the bidder is a foreign company.
- Negotiations shall not be used to:
- Substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- Substantially alter the terms and conditions of Contract;
- Reduce unit rates or reimbursable costs, provided that in case of exceptional circumstances like exorbitant rate, rates higher than prevailing market rates, negotiation may be adopted;
- Reduce work inputs solely to meet the budget; or
- Substantially alter anything which formed a crucial or deciding factor in the evaluation of the Tenders or proposals.

35. Notification of Award

i. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful bidder in writing by registered letter, to be confirmed in writing by registered letter, that its bid has been accepted.

ii. The notification of award shall constitute the formation of the Contract.

36. Signing of Contract

i. At the same time as the Procuring Agency notifies the successful bidder that its bid has been accepted, the Procuring Agency shall send the bidder the Contract Form provided in the bidding documents, incorporating all agreements between the Parties.

ii. Both the successful bidder and the Procuring Agency shall sign with date the Contract on the legal stamp paper. Thereafter, the Procuring Agency shall issue Purchase Order. If the successful bidder, after completion of all Codal Formalities shows inability to sign the Contract then the firm shall be blacklisted minimum for two years. In such situation, the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

37. Performance Guaranty/ Security

i. On the date of signing of Contract, the successful bidder shall furnish the Performance Guaranty / Security in accordance with the Conditions of Contract, in the Performance Guaranty / Security Form provided in the bidding documents.

ii. Failure of the successful bidder to comply with the requirement of instructions to the bidders shall constitute sufficient grounds for the annulment/termination of the award and forfeiture of the bid Security, in which event the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

38. Corrupt or Fraudulent Practices

(a) The Procuring Agency requires that the Procuring Agency as well as bidders/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of this policy, the Procuring Agency defines, for the purposes of this provision, the terms set forth below as follows:

i. **"corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and

ii. **fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;

(b) Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question;

(c) Shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Contract; onus of proof will be on the firm.

GENERAL CONDITIONS OF CONTRACT

1) **Definitions:** In this Contract, the following terms shall be interpreted as indicated against each;
   i) "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
   ii) "**The Contract Price**" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
   iii) "**The Goods**" means Repair and Maintenance of Machinery & Equipments
   iv) "**The Services**" means those services ancillary to the supply of goods, such as repair and maintenance of machinery
   v) "**The Procuring Agency**" means the Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi
   vi) **"The Supplier**" means the individual or firm supplying the goods under this Contract.

2) **Application:** These General Conditions shall apply to the extent that they are not inconsistent / superseded by provisions of other parts of the Contract
3) **Country of Origin:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For the purposes of this clause, "origin" means the place where the goods are produced through manufacturing or processing, or the place from which the related services are supplied.
4) **Standards:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

5) **Use of Contract Documents and Information**
   i) The Supplier shall not disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.
   ii) The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in condition of contract except for purposes of performing the Contract.
   iii) Any document, other than the Contract itself, enumerated in condition of contract shall remain the property of the Procuring Agency and shall be returned if so required by the Procuring Agency.
   iv) The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier.
6) **Patent Rights:** The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
7) **Submission of Samples:** The Supplier shall provide **samples (free of cost)** of the product to procuring agency according to the specs.
8) **Ensuring intimation of storage arrangements:** To ensure storage arrangements for the intended supplies, the Supplier shall inform the Consignee one week in advance.
9) **Inspections and Test / Analysis**
   ix. The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.
   x. For the purpose of inspections and tests of Repair & Maintenance, the Supplier shall inform the Rawalpindi Institute of Cardiology Rawalpindi at least 15 working days in advance when all or any specific consignment / installment of goods is manufactured and ready for inspection. The inspection team from Rawalpindi Institute of Cardiology Rawalpindi shall inspect the quantity, specifications of goods. The Supplier shall furnish all reasonable facilities and assistance including access to drawings and production data to the inspectors at no charge to the Procuring Agency. However, if the Supplier proves an undue delay in conduct of inspection on the part of Procuring Agency, the Supplier shall not be liable for penalty on account of that delay. The cost of such lab tests shall be borne by the Manufacturer / Supplier.
   xi. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the goods either at Supplier's premises or upon arrival at Consignee's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.
   xii. Procuring Agency or its representative shall have the right to inspect and /or to test the goods to confirm their conformity to the specifications of the contract at no extra cost to the Procuring Agency.
   xiii. The inspection committee constituted by the Consignee shall inspect the quantity, specifications of goods. The cost of the lab tests shall be borne by the Supplier.
   xiv. The supplier will be responsible for free replacement of stocks if the same is not found to be of the same specifications as required in the Invitation of Bids / Substandard /Spurious / Misbranded / Expired. Moreover, it will replace the unconsumed expired stores without any further charges.
   xv. The Procuring Agency's right to inspect test and, where necessary, reject the goods after the arrival at Procuring Agency's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.
   xvi. Nothing in General Conditions of Contract shall in any way release the Supplier from any warranty or other obligations under this Contract.
10) **Physical examination of** Repair & Maintenance of machinery / equipments
   i) The Inspection committee constituted by the consignee shall carry out the physical examination after receipt of supplies for checking quality / quantity of the goods supplied.
   ii) If the Goods supplied are found during physical examination / inspection to be against the required specifications, approved samples, etc., even if it is of standard quality, the Procuring Agency may reject the goods, and the Supplier shall either replace the rejected goods or arrange alterations necessary for rectification of observation, to meet the required specifications free of cost. Replacement in lieu of the rejected supplies must be completed within **20** days from the date of communication of decision to the Manufacturer / Supplier by the Concerned Authority. In case after replacement or alteration, the Inspection Committee again declare the item as of against the required specifications, the supply would completely be rejected and the proportionate amount of performance security of the concerned installment would be forfeited to the government account and the firm shall be blacklisted minimum for

one year. However, if the entire supplies/ installments are declared as of against the required specifications, the entire performance security shall be forfeited and the firm shall be blacklisted minimum for two years; onus of proof of innocence shall be on the supplier.

11) **Delivery and Documents:** The Supplier in accordance with the terms specified in the Bidding Documents shall make delivery of the goods. The details of documents to be furnished by the Supplier are specified in Special Conditions of the Contract.
12) **Insurance:** The goods supplied under the Contract shall be delivered duty paid.
13) **Transportation:** The Supplier shall arrange such transportation / cold chain maintenance of the goods as is required to prevent their damage or deterioration during transit to their destination. The goods shall be delivered in Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi on the risk and cost of the Supplier. All taxes shall be borne by the Supplier. Transportation including loading / unloading of goods shall be arranged and paid for by the Supplier.
14) **Incidental Services:** The Supplier shall be required to provide the incidental services as specified in Special Conditions of the Contract and the cost of which should be included in the total bid price.
15) **Payment:** The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of the Contract. The currency of payment is Pak. Rupees.
16) **Prices:** Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the original bid validity period provided the Procuring Agency's request for bid validity extension.
17) **Contract Amendments:** No variation in or modification of the terms of the Contract shall be made except by written amendment signed by both the Parties.
18) **Subcontracts:** The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.
19) **Delays in the Supplier's Performance:** Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). The Procuring Agency may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Procuring Agency by amendment of Contract. A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon without the application of liquidated damages.
20) **Penalties/liquidated Damages:** In case of late delivery beyond the presented period, penalty as specified in Special Conditions of Contract shall be imposed upon the Supplier. The above Late Delivery (LD) is subject to General Conditions of Contract including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
21) **Termination for Default:** The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part, if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency; or if the Supplier fails to perform any other obligation(s) under the Contract and if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract
22) **Force Majeure:** Notwithstanding the provisions of general conditions of contract the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargos. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of

Health Department, constituted for Redressal of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

23) **Termination for Insolvency** the Procuring Agency may at any time terminate the Contract by giving written notice of one month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

24) **Arbitration and Resolution of Disputes:** The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties

25) **Governing Language:** The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

26) **Applicable Law:** This contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

27) **Notices**

i) Any Notice given by one party to the other pursuant to this contract shall be sent to the other party in writing and confirmed to other party's address specified in Special Conditions of Contract.

ii) A notice shall be effective when delivered or on the notice's effective date, whichever is later

SPECIAL CONDITION OF CONTRACT

1. **Definitions** In this Contract, the following terms shall be interpreted as indicated against each;
    a. "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
    b. The **Supplier:** is the individual or firm supplying the goods under this contract.
2. **Country of Origin:** All goods and related services to be supplied under the contract must be from that origin / country as indicated under general conditions of the contract.
3. **Bid Security.** 2% of the total bid money in the shape of Call Deposit (CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi to be submitted **with financial bid**.
4. **Performance Guaranty/ Security:** After signing of contract, the successful bidder shall furnish the Performance Guaranty/Security equivalent to **5%** of the total Contract amount in the shape of CDR/ Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi from any of the scheduled banks in accordance with the conditions of the tender inquiry on the prescribed format.
5. **Inspection and Tests:** Inspection of Repair & Maintenance of machinery / equipments at final acceptance shall be in accordance with the conditions of contract. After delivery at Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi, the goods shall be inspected /examined by the Inspection Committee, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi to physically check the goods in accordance with the approved sample and terms / conditions of the Contract. The Committee shall submit its inspection report to Procuring Agency along with invoice / bills / delivery Challan. In case of any deficiency, pointed out by the Inspection Committee in the delivered goods, the Supplier shall be bound to rectify it free of cost.
6. **Delivery and documents:** The Supplier shall provide the following documents at the time of delivery of goods to Consignee' end for verification and onward submission to quarter concerned, duly completed in all respect for payment.

i) Original copies of Delivery Note / Challan (in duplicate) showing name of destination to which delivery is to be made, item's description, batch No(s), Registration No, manufacturing and expiry date and quantity.

ii) Original copies of the Supplier's invoices (in duplicate) showing warranty, name of Procuring Agency /destination to which delivery is to be made, item's description, Batch No, Registration No, manufacturing and expiry date, quantity, per unit cost, and total amount.

iii) Original copies of the Sales Tax Invoices (where applicable) in duplicate showing name of destination to which delivery is to be made, item's description, quantity, per unit cost (without GST), amount of GST and total amount with GST.

7. **Insurance** The goods supplied under the Contract shall be delivered duty paid, under which the risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility therefore, they may arrange appropriate coverage.
8. **Incidental Services**
   The following incidental services shall be provided and the cost of which should include in the total bid price.
   a. The bidder shall repair and maintenance of machinery / equipments as per tender requirement along with complete literature (Leaflet).
   b. If the Supplier / bidder charged the prices of incidental services separately in the financial bid and not included in the Contract price of goods, the same shall be included prior to comparison of rates with the other bidders.
9. **Payment**
   A. The Payment shall be in Pak Rupees.
   B. The payment shall be made to the Supplier on receipt of original delivery Challan(s) and invoice(s) including those of GST (if applicable) in duplicate duly completed in all respect and signed & stamped by the store officer / signed and stamped by Consignee, along with physical inspection report, carried out by the Committee, with certificate and test / analysis report to the effect that the supplies conform to specifications.
   C. The laboratory test / analysis charges of sample either against the tender or bulk supplies shall be borne by the Supplier.
10. **Penalties/ Liquidated Damages**
    a. In case where the deliveries as per contract are not completed within the time frame specified in the schedule of requirement, the Contract to the extent of non-delivered portion of supply may be cancelled followed by a Show Cause Notice. No supplies shall be accepted and the amount of Performance Guaranty/ Security to the extent of non–delivered portion of supplies of relevant item shall be forfeited and the firm shall be blacklisted minimum for a period of one year. If the firm fails to supply the whole installments, the entire amount of Performance Guaranty/ Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for a period of two year. Onus of proof of innocence shall be on the supplier.
    b. In case of late delivery of goods beyond the periods specified in the schedule of requirements, **penalty @ 2% per month, 0.067% per day** of the cost of late delivered supply shall be imposed upon the Supplier.
11. **Arbitration and Resolution of Disputes:** In case of any dispute, concerning the interpretation and / or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole *ARBITRATOR*. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
12. **Governing Language:** The language of this Contract shall be in English.
13. **Applicable Law:** This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

Notices

Supplier's address for notice purpose	**Procuring Agency's address for notice purposes shall be the;**
----------	**Executive Director** **Rawalpindi Institute of Cardiology** **Rawalpindi**

Note: All assessments and procuring procedures i.e. receiving, opening and awarding etc. shall be governed by the Punjab Procurement Rules, 2014.

PERFORMANCE GUARANTY/ SECURITY FORM (CDR)

To: *[Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi]*
_____

Whereas *M/S* _____ (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No._____ dated _____ to Repair & Maintenance of Machinery / equipments (hereinafter called "the Contract"). And whereas, it has been stipulated by you in the said Contract that the Supplier shall furnish you CDR/ Bank Guarantee, issued by a scheduled bank for the sum of **5%** of the total Contract amount as a Security for compliance with the Supplier's performance obligations in accordance with the Contract.

Name of the bidder _____
Father, s Name_____
Address of bidder / Firm_____
NIC #_____
Designation._____
Signature _____
Stamp_____

MANUFACTURER'S AUTHORIZATION FORM

To: *[name of Purchaser]*
_____

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against No. *[Reference of the Invitation to Bid]* for the goods manufactured by us. We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids. *[Signature for and on behalf of Manufacturer]*

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the bidder in its bid.

CONTRACT FORM

THIS CONTRACT is made at ----------on---------- day of---------- 2014, between the Executive Director Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi (hereinafter referred to as the "Procuring Agency") of the First Part; and M/s *(firm name)* a firm registered under the laws of Pakistan and having its registered office at *(address of the firm)* (hereinafter called the "Supplier") of the Second Part (hereinafter referred to individually as "Party" and collectively as the "Parties").

WHEREAS the Procuring Agency invited bids for procurement of goods, in pursuance where of M/s *(firm name)* being the Manufacturer/ Sole Agent of (item name) in Pakistan and ancillary services offered to supply the required item (s); and Whereas the Procuring Agency has accepted the bid by the Supplier for the supply of *(item name)* cost per unit,

NOW THIS CONTRACT WITNESSES AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General/ Special Conditions of this Contract hereinafter referred to as "Contract":
2. The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz:-
   a. *Price Schedule submitted by the bidder,*
   b. *Technical Specifications;*
   c. *General Conditions of Contract;*
   d. *Special Conditions of Contract; and*
   e. *Procuring Agency's Award of contract; and*
   f. *Purchase Order*
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.
5. *[The Supplier]* hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit form Government of Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Punjab) through any corrupt business practice.
6. Without limiting the generality of the foregoing, [the Seller/ Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc., paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Punjab, except that which has been expressly declared pursuant hereto.
7. *[The Supplier]* certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
8. *[The Supplier]* accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any Contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Procuring Agency under any law, Contract or other instrument, be void able at the option of Procuring Agency.
9. Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, *[The Supplier]* agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by *[The Supplier]* as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency.

10. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. **The Additional Chief Secretary** or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
11. This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.
12. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
13. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration
14. Partial supply shall not be accepted.
15. Quality/quantity of repair and maintenance of machinery / equipments will be checked by the concerned hospital through inspection committee notified by the concerned Executive Directors.
16. The supply shall not be accepted if found substandard. The seller shall be bound to replace the substandard stores immediately.
17. Seller shall ensure timely, continuous / uninterrupted supply of Repair & Maintenance of machinery / equipments to the end users as per demand throughout the contract period.
18. The seller shall have to supply such quantity as ordered.
19. The seller shall provide free delivery of Repair & Maintenance of Machinery / Equipments to consignee at the concerned hospital store.
20. If the rates charged by the seller are found higher than the market rates the extra money charged shall have to be refunded by the seller.
21. Payment will be made by the end users as per rules after completion of all codal formalities.
22. In case of breach of terms & conditions of contract agreement security of the seller shall be forfeited.
23. This contract agreement shall remain valid till 30th June, 2015.
24. The seller will be responsible to refund any excess amount paid due to any error in calculation or mistake in evaluating the offer.

IN WITNESS Whereof the Parties hereto have caused this Contract to be executed at_____ (the place) and shall enter into force on the day, month and year first above mentioned.

NAME _____
FATHER'S NAME _____
DESIGNATION _____
ADDRESS _____
NIC # _____
SIGNATURE & STAMP _____

EXECUTIVE DIRECTOR
RAWALPINDI INSTITUTE OF CARDIOLOGY
RAWALPINDI

BID FORM

Date: _____
No. _____

To: _____ [Name and address of Procuring Agency]

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver the goods specified in and in conformity with the said Bidding Documents for the sum of *[Total Bid Amount _____], [Bid Amount in words_____]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. If our bid is accepted, we shall furnish performance guarantee / security in the shape of call deposit (CDR) / Bank Guarantee equivalent to 5% of the total contract amount. The CDR / Bank Guarantee shall be in the Name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi. We agree to abide by this bid for a period of **03 months** from the date fixed for bid opening under instruction to the bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that the Procuring Agency is not bound to accept the lowest or any bid, Procuring Agency may receive.

Name and address of agent ---------- Amount ----------
(If none, state "none")."
Dated this _____day of _____20__.

Signature (in the capacity of) duly authorized to sign bid for and on behalf of.
Attachment

PRICE SCHEDULE FOR REPAIR AND MAINTENANCE OF MACHINERY / EQUIPMETNS IN PAK RUPEES
Name of bidder_____
No. _____

Sr. No.	Item	Accounting Unit	Quantity Required	Unit Price	Total Cost

Sign and Stamp of bidder_____
Note: In case of discrepancy between unit price and total, the unit price shall prevail.

SCHEDULE OF REQUIREMENT
FOR REPAIR AND MAINTENANCE OF MACHINERY / EQUIPMENTS

The supplies shall be delivered within delivery date w.e.f the next date after date of issue of Purchase Order (without penalty), and with prescribed penalty, as per following schedule of requirements:-

MODE OF PENALTY	100% QUANTITY AS PER PURCHASE ORDER	TOTAL DELIVERY PERIOD
WITHOUT PENALTY	30 days	30 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 30 days of Purchase Order	60 Days	60 Days

ITEMS REQUIRED FROM REPAIR & MAINTENANCE OF MACHINERY AND EQUIPMENTS FOR 2014-15

S. #	EQUIPMENT NAME	SPECIFICATION	QTY
01	Door gas kit	Auto clave MMM 6612-2/ 666-1/ 666-2	06
02	Air filter	Atlas copco (Part no: 1613 9001 00)	24
03	Oil filter	Atlas copco (Part no: 2202 9295 50)	12
04	Oil separator	Atlas copco (Part no: 2202 9294 50)	12
05	Oil can for vacum pump	Atlas copco (Part no: 2901 1831 10)	16
06	Filter element kit	Atlas copco (Part no: 2901 2042)	16
07	Roto injector fluid	Atlas copco (Part no:2901 0522 00)	04
08	Kit B after 2000 hour	Atlas copco (Part no:2901 2033 00)	16
09	WSD 25	Water separate drain	08
10	dMED	39-DD 44/PD44/PDp 44	08
11	Anesthesia machine O2 cell	Compactable for Hair anesthesia machine	06
12	Ventilator O2 cell	Compactable for Event inspiration 5i	25
13	ABG machine Electrode set	For Medica Easy state	03
14	Flow sensor ventilator	Compactable for Event inspiration 5i	10
15	ECG batteries	Space lab Cardio express	10
16	ECG machine screen	Space lab Cardio express SL6	01
17	Cardiac monitor Screen	Space lab Elance	10
18	Backup batteries different	a) 18AH 12v for 1.5 KVA 980w	05
		b) 7AH 12v for 1kva 660w	10
		c) Difib Innomed 360 3000mah 10.8v (NI-MH)	05
		d) 4.5 AH 6v	05
		e) Syringe pump (Phonix - MCP) 4.5AH 6v Model NO(PS-640)	05
19	Cardiac monitor batteries	Space lab Elance 2.3Ah 12v Part NO (LCS231-A)	04
20	Defib Internal Padel	Compactable with innomed 360-B	03 Sets
21	SPO2 Probs	For Cardiac monitor space lab Elance 7	100
22	Invasive BP Probs	For Cardiac monitor space lab Elance 7	30

RAWALPINDI INSTITUTE OF CARDIOLOGY

BIDDING DOCUMENT FOR PROCUREMENT

OF

IT EQUIPMENTS

(2014-15)

CHECK LIST

S #	***DETAIL***	***YES / NO***	***PAGE #***
	KNOCK OUT CLAUSES		
1	Original receipt for purchase of tender		
2	Valid National ID Card (NADRA)		
3	Company profile (Name, Address, Tel No)		
4	Acceptance of terms and condition of tender documents duly signed and stamped		
5	Min one years' experience in supplying to Government / Autonomous institutions		
6	An affidavit on stamp paper of Rs.100/- submitting that the firm is never blacklisted on any grounds whatsoever from Government / Autonomous institutions		
7	Price should not be mentioned on technical bid, if mentioned, bid will be cancelled		
8	Valid National Tax Number		
9	Valid General Sale Tax certificate		
10	Valid Professional Tax certificate if applicable		
11	Fresh CDR / Bank Guarantee		
12	Vendor having minimum Tier-1/Gold Partnership status with Principal.		
13	Vendor must be an authorized dealer for the last 8 years of OEM/Principal		
14	Vendor must have 24x7 proper centralized helpdesk facilities for technical support. Details of helpdesk must be attached with proposal.		
	GENERAL CLAUSES		
1	Detail of staff / profile of company		
2	Supply orders detail over last two years (minimum) from Government organization / Autonomous institutions and private organizations.		
3	An affidavit on stamp paper of Rs.20/- that the bidder shall provide Medical & Laboratory Equipments to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi as per Demand / Orders.		

INVITATION FOR BIDS

RAWALPINDI INSTITUTE OF CARDIOLOGY RAWAL ROAD, RAWALPINDI

Reference No: RIC/ PO/2674/14, Dated 22-12-2014

The Rawalpindi Institute of Cardiology invites sealed bids from the eligible bidders for supply of material to meet the requirement of Rawalpindi Institute of Cardiology. Detailed description and quantities of material are given in the Bidding Documents.

Interested eligible bidders may get the Bidding Documents at the address mentioned below on submission of written application along with payment of non-refundable fee of Rs. 1000/-. Bidding Documents shall be issued up to **10-01-2015 on 02:00 PM**. However, a copy of the Bidding Documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) and http://health.punjab.gov.pk until the closing date for the submission of bids.

Bidding will be conducted through Single Stage – Two Envelopes bidding procedure as per Punjab Procurement Rules 2014

Bids must be delivered to the address below at or before **11:00 AM on 13-01-2015** Bid security of 2% of the total bid value in the shape of pay order/ bank draft/ call deposit should be **attached with the financial bid**. Late bids will be rejected. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below at **11:30 AM on 13-11-2015**. The Bidders are requested to give their best and final prices.

Executive Director
Rawalpindi Institute of Cardiology
Rawal Road, Rawalpindi

Bid Data Sheet

ITB Ref	Descripti	Detail
N/A	Bid reference number	RIC/ PO/2674/14, Dated 22-12-2014
N/A	Commencement of sale of Bidding Document	After one day of publishing of advertisement in newspaper.
N/A	Last date of sale of Bidding Document	10-01-2015 on 02:00 PM
ITB Clause 24	Last date and time for the receipt of bidding	13-01-2015 on 11:00 AM
N/A	Pre-bid meeting date, time and venue	12-01-2015 on 11:00 AM at Conference Room RIC, Rawalpindi
ITB Clause 27	Date, time and venue of opening of technical Bids	13-01-2015 on 11:30 AM Conference Room RIC, Rawalpindi
ITB Clause 16	Bid currency	PKR
ITB Clause 13	Language of bid	English or Urdu
ITB Clause 20	Amount of bid security	2% of the total bid value
ITB Clause 21	Bid validity period	90 Days
ITB Clause 09	Bidding procedure	Single stage – Two Envelop procedure
ITB Clause 27	Address for communication: **Executive Director Rawalpindi Institute of Cardiology** **Rawal Road, Rawalpindi**	

INSTRUCTIONS TO BIDDERS

1. **Source of Funds:** The Government of Punjab, Health Department has allocated funds for the purchase of IT Equipments to the individual institution under their relevant Head of Account which will be utilized by Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi for the purchase of IT Equipments during the financial year 2014-15. Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi intends to fix the price / conclude the contract for the supply of IT Equipments on Free Delivery to Consignee's end basis directly to Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi

2. **Eligible bidders**: This Invitation for Bids is open to all printers having income tax/sale tax registered distributors/suppliers for the supply of IT Equipments on Free Delivery to Consignee's end basis. The bidder shall also have to submit a copy of registration certificate and Memorandum of Association / Partnership deed registered with the Registrar of Companies in Pakistan. The bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices, declared by any Government (Federal/Provincial/District), a Local Body or a Public Sector Organization.

3. **Eligible Goods and Services:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term **"Goods"** includes any Goods that are the subject of this Invitation for Bids and the term "**Services**" shall include related services such as transportation, insurance etc. The **"origin**" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced through manufacturing or processing, or substantial and major assembly of ingredients / components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

4. **Cost of Bidding:** The bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the manner or outcome of the bidding process.

NOTE: List of required items with specifications is attached at the end of this document.

THE BIDDING DOCUMENTS

5. Content of Bidding Documents

i. The goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the invitation for bids, the bidding documents shall include:-

h) Instructions to bidders;
i) General Conditions of Contract;
j) Special Conditions of Contract;
k) Schedule of Requirements;
l) Technical Specifications;
m) Manufacturer's Authorization Form;
n) Performance Guaranty Form;

ii. The **"Invitation for Bids"** does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed above, the said Bidding Documents shall take precedence.

iii. The bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents.

iv. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the bidder's risk and may result in the rejection of its bid.

6. Clarification of Bidding Documents: A prospective bidder requiring any clarification of the bidding documents may notify the Procuring Agency, in writing at the Procuring Agency's address, indicated in the Invitation for Bids. The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives no later than ten (10) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective bidders that have received the bidding documents. Pre-bid conference will also on the date and time mentioned in Bid Data Sheet at the Conference Room of RIC.

7. Amendment of Bidding Documents: At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment. All prospective bidders that have received the bidding documents shall be notified of the amendment in writing or by phone, and shall be binding on them. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.

PREPARATION OF BIDS

8. Language of Bid: The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

9. Documents Comprising the Bid: The bid shall comprise the following components:

(a) Bid Form and Price Schedule completed in accordance with instruction to bidders (to be submitted along with financial proposal).
(b) Documentary evidence established in accordance with instruction to bidders that the bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
(c) Documentary evidence established in accordance with instruction to bidders that the goods to be supplied by the bidder are eligible goods and conform to the bidding documents; and
(d) **Bid Security @ 2% of the total value of the bid** in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi.

Note: Bid security must be submitted only with Financial Bid. Bid will be rejected if bid security (original or photocopy) is submitted with Technical Bid

10. **Bid Form & Price Schedule:** The bidder shall complete the Bid Form and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their strength, packing, quantity, and prices.

11. **Bid Prices:**
    - **i.** The bidder shall indicate on the appropriate Price Schedule the unit prices and total bid price of the goods, it proposes to supply under the Contract.
    - **ii.** Form of price Schedule is to be filled in very carefully, preferably typed. Any alteration /correction must be initialed. Every page is to be signed and stamped at the bottom. Serial number of the quoted item may be marked with red / yellow marker.
    - **iii.** The bidder should quote the prices of goods according to the technical specifications as provided in the Form of Price Schedule and Technical Specifications. The specifications of goods, different from the demand of bid enquiry, shall straightway be rejected.
    - **iv.** **The bidder is required to offer competitive price. All prices must include the General Sales Tax (GST) and other taxes and duties, where applicable. If there is no mention of taxes, the offered / quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.**
    - **v.** Prices offered should be for the entire quantity demanded; partial quantity offers shall straightaway be rejected. Conditional offer shall also be considered as non-responsive bidder.
    - **vi.** While tendering your quotation, the present trend / inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained.

12. **Bid currencies:** Prices shall be quoted in Pak Rupees.

13. **Documents Establishing bidder's Eligibility and Qualification**
    - **i.** The bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
    - **ii.** The documentary evidence of the bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the bidder, at the time of submission of its bid, is eligible as defined under instruction to the bidders
    - **iii.** The documentary evidence (to be submitted along with technical proposal) of the bidder's qualifications to perform the Contract if its bid is accepted shall establish to the Procuring Agency's satisfaction:

      (a) The Sole Agent / Importer shall have to produce letter of authorization from Manufacturer (Foreign Executive Director) and in case of Manufacturer, documentary proof including manufacturing license / registration certificate, to the effect that they are the original manufacturer of the required specifications of goods, shall be provided.

      (b) National Tax Number (NTN) and General Sales Tax Number (GST) (if applicable) with documentary proof shall have to be provided by each bidder in the tender.

      (c) The bidder shall submit an affidavit on legal stamp paper of Rs. 100/- that their firm is not blacklisted on any ground by any Government (Federal/Provincial/District), a local body or a Public Sector Organization. The bidder shall be debarred from bid on account of submission of false statement.

      (d) The bidder should have minimum **two-year experience in the market**. Similarly, it is mandatory that the item to be quoted by the bidder / Manufacturer should have availability in the market minimum for the **last one year**. Documentary proof shall have to be provided in this regard.

      (e) The bidder is required to provide with the Technical Proposal, the name of item(s) for which they have quoted their rates in the Financial Proposals.

      (f) The bidder must indicate the registration number, make of country of origin / Manufacturer of the IT Equipments, capacity of production of the firm, its financial status, batch capacity, necessary assurance

of quality production, GMP / CGMP, and list of qualified technical and supervisory staff working in the production and quality control departments in the manufacturing plants.

(g) The bidder shall provide a list of plant, major machinery and equipment installed in the factory. In case of imported items, the profile / credentials of the foreign Manufacturer in the respective foreign country shall be provided along with bid.

14. Documents Establishing Good's Eligibility and Conformity Bidding Documents:

i. The bidder shall furnish along with Technical Proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods, which the bidder proposes to supply under the Contract.

ii. The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods offered which a certificate of origin issued by the Manufacturer shall confirm.

15. Bid Security @ 2% of the total bid amount in the shape of Call Deposit (Fresh CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawalpindi from any schedule bank shall be furnished by the bidder **along with financial offer**.

16. Bid Validity

i. Bids shall remain valid for the period of **Three (3) Months** after the date of opening of Technical Bid, prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

ii. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

iii. bidders who,-

(a) Agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and

(b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities (earnest money).

17. Format and Signing of Bid:

i. The bidder shall prepare and submit its bid along with original purchase receipt. The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid, except for un-amended printed literature.

ii. Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

SUBMISSION OF BIDS

18. Sealing and Marking of Bids

i. The envelopes shall be marked as **"FINANCIAL PROPOSAL"** and **"TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion. The inner and outer envelopes shall be sealed and:

ii. Be addressed to the Procuring Agency at the address given in the Invitation for Bids and;

iii. Bear the name and number indicated in the Invitation for Bids.

iv. The inner envelopes shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared as "non-responsive" or "late".

v. If the outer as well as inner envelopes are not sealed and marked as required by instruction to bidders, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening and shall be rejected forth with.

19. Deadline for Submission of Bids:

Bids must be submitted by the bidder and received by the Procuring Agency at the address specified under instruction to bidders, not later than the time and date specified in the Invitation for Bids. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with instruction to bidders, in which case all rights and obligations of the Procuring Agency and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

20. Late Bid: Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall be rejected and returned unopened to the bidder

21. Withdrawal of Bids: The bidder may withdraw its bid after the bid's submission and prior to the deadline prescribed for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in instruction to bidders.

OPENING AND EVALUATION OF BIDS

22. Opening of Bids

i. The Procuring Agency shall initially open only the envelope marked **"TECHNICAL PROPOSAL"** in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation for Bids. The bidders' representatives who are present shall sign the Attendance Sheet evidencing their attendance. However, the envelope marked as **"FINANCIAL PROPOSAL"** if it is sealed shall be retained in the custody of Procuring Agency without being opened and till completion of the evaluation process.

ii. The bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal / bid opening, except for late bids, which shall be returned unopened to the bidder. However, at the opening of Financial Proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

iii. The Procuring Agency shall prepare minutes of the bids opening (technical and financial).

23. Clarification of Bids: During evaluation of the bids, the Procuring Agency may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted

24. Preliminary Examination

i. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

ii. In the financial bids the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid shall be rejected, and its bid Security may be forfeited. If there is a discrepancy between words and figures, the amount in words shall prevail.

iii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

iv. Prior to the detailed evaluation, the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning

Applicable Law, Taxes & Duties shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

v. If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the bidder by correction of the nonconformity.

25. Evaluation & Comparison of Bids

i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.

ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, previous test reports, inspection of plant/ factory / premises (if not previously conducted), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to instruction to bidders.

iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.

iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

26. Evaluation Criteria:

i. For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, inspection of plant / factory /premises, previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate shall be taken into consideration. The following merit point system for weighing evaluation factors/ criteria can be applied for the **TECHNICAL PROPOSALS**. The number of points allocated to each factor shall be specified in the Evaluation Report.

Evaluation Criteria:

Name of Firm: _____

S#	Parameters	Detail			Mark	Remarks
1	Bidder's Past Performance (Last one year) As per Bid Form 4	Major institutions served:			15	Institutions include Government departments and private hospitals.
		i.	No any institution served	0		
		ii.	1	3		
		iii.	2 to 3	5		
		iv.	4 to 5	8		
		v.	6 to 7	12		
		vi.	8 and above	15		
2	Bidder's Market experience in quoted items				5	Bidders having less than 1 year experiences are ineligible. Experience will be confirmed from the date of registration.
		i.	1-3 years	2		
		ii.	3-5 year	4		
		iii.	Above 5 years	5		
3	Manufacturer credibility & certification	i.	Valid GMP Certification	5	10	GMP certificate issued by the concerned drug regulatory authority is required.
		ii.	Valid ISO Certification	5		
4	Bidder's Financial status	i.	Last year audited balance sheet	7	15	Bank statements are not required. Bidder can provide more than one bank certificates.
		ii.	Tax returns last three years	5		
		iii.	Bank Certificate*	3		
	Technical / Engineering Capacities	i.	Technical team of minimum 10 persons having certified networks equipments	10	20	CV's of technical staff should be provided along with verification code

5				Technical team of minimum 3 persons having certified professional for storage	10		
6	Product Demonstration / Presentation		i.	Excellent	10	10	Bidder will give Demonstration / presentation to the end user.
			ii.	Good	7		
			iii.	Satisfactory	5		
			iv.	Unsatisfactory	0		

Total marks: 75 **Total marks Obtained: _____**

Qualifying marks 70% (52.5 Marks)

Note

- **Check list and summary page shall be provided by the firm concerned 3 year Warranty of the product offered by company is mandatory**
- **The project must be carried out by project management team to ensure the successful deployment. Vendor will provide the CVs of Project management team.**
- **Resident Engineer for 1 year having relevant experience will also be required.**

2. SCHEDULE OF REQUIREMENT:

MODE OF PENALTY	100% QUANTITY AS PER PURCHASE ORDER	TOTAL DELIVERY PERIOD
WITHOUT PENALTY	45 days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 30 days of Purchase Order	45 Days	90 Days

i) 100% complete information according to the bid evaluation criteria provided by the firm will get maximum marks. **THE INFORMATION PROVIDED BY THE FIRM SHOULD BE RELEVANT, CONCISE AND TO THE POINT AS PER BID EVALUATION CRITERIA, UN NECESSARY DOCUMENTATION WILL HAVE A NEGATIVE IMPACT.**

ii) After technical evaluation is completed, the Procuring Agency shall inform the bidders who have submitted proposals the technical scores obtained by their technical proposal, and shall notify those bidders whose proposal did not meet the minimum qualifying mark which is **70%** or were considered non responsive, that their financial proposals shall be returned unopened after completing the selection process. The Procuring Agency shall simultaneously notify in writing bidders that have secured the minimum qualifying marks, the date, time and location for opening the financial proposals. Bidders' attendance at the opening of financial proposals is optional.

iii) Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to attend. The name of the bidders and the technical score of the bidder shall be read aloud. The financial proposal of the bidders who met the minimum qualifying marks shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened and the quoted price read aloud and recorded.

27. Contacting the Procuring Agency: No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Procuring Agency, it should do so in writing. Any effort by a bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the bidder's bid. Canvassing by any bidder at any stage of the Tender evaluation is strictly prohibited. Any infringement shall lead to disqualification in addition to any other penalty Procuring Agency may in its discretion impose.

28. **Qualification & disqualification of bidders:** The Procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by firm was false and materially inaccurate or incomplete.
29. **Rejection of Bids:** The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds. The Procuring Agency incurs no liability, solely towards bidders who have submitted bids. Notice of the rejection of any or all bids shall be given promptly to the concerned bidders that submitted bids.

30. **Re-Bidding:** If the Procuring Agency rejected all bids, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement under the Punjab Procurement Rules-2014. The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for bidders, as it may deem necessary.

31. **Announcement of Evaluation Report:** The Procuring Agency shall declare the results of bid evaluation prior to the award of procurement contract.

AWARD OF CONTRACT

32. **Acceptance of Bid and Award criteria**
The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Provincial Government, shall be awarded the Contract, within the original or extended period of bid validity.

33. **Procuring Agency's right to vary quantities at time of award**
The Procuring Agency reserves the right at the time of Contract's award to increase or decrease, the quantity of goods originally specified in the Price schedule and Schedule of Requirements without any change in unit price or other terms and conditions.

34. **Limitations on negotiations**
Negotiations may not relate to the price or substance of tenders or proposals specified by the bidder in his tender, but only to minor technical, Contractual or logistical details.
I. As guidance only, negotiations may normally relate to the following areas:
    - Minor alterations to technical details, such as the terms of reference, the scope of work, the specification or drawings;
    - Minor amendments to the Special Conditions of Contract;
    - Finalizing the payment arrangements;
    - Mobilization arrangements;
    - Agreeing final delivery or completion schedules to accommodate any changes required by the procuring agency;
    - The proposed methodology or staffing;
    - Inputs required from the procuring agency;
    - Clarifying details that were not apparent or could not be finalized at the time of bidding;
    - The bidder's tax liability in Pakistan, if the bidder is a foreign company.
    - Negotiations shall not be used to:
    - Substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
    - Substantially alter the terms and conditions of Contract;
    - Reduce unit rates or reimbursable costs, provided that in case of exceptional circumstances like exorbitant rate, rates higher than prevailing market rates, negotiation may be adopted;
    - Reduce work inputs solely to meet the budget; or
    - Substantially alter anything which formed a crucial or deciding factor in the evaluation of the Tenders or proposals.

35. Notification of Award

ii. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful bidder in writing by registered letter, to be confirmed in writing by registered letter, that its bid has been accepted.

iii. The notification of award shall constitute the formation of the Contract.

36. Signing of Contract

iv. At the same time as the Procuring Agency notifies the successful bidder that its bid has been accepted, the Procuring Agency shall send the bidder the Contract Form provided in the bidding documents, incorporating all agreements between the Parties.

v. Both the successful bidder and the Procuring Agency shall sign with date the Contract on the legal stamp paper. Thereafter, the Procuring Agency shall issue Purchase Order. If the successful bidder, after completion of all Codal Formalities shows inability to sign the Contract then the firm shall be blacklisted minimum for two years. In such situation, the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

37. Performance Guaranty/ Security

vi. On the date of signing of Contract, the successful bidder shall furnish the Performance Guaranty / Security in accordance with the Conditions of Contract, in the Performance Guaranty / Security Form provided in the bidding documents.

vii. Failure of the successful bidder to comply with the requirement of instructions to the bidders shall constitute sufficient grounds for the annulment/termination of the award and forfeiture of the bid Security, in which event the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

38. Corrupt or Fraudulent Practices

(d) The Procuring Agency requires that the Procuring Agency as well as bidders/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of this policy, the Procuring Agency defines, for the purposes of this provision, the terms set forth below as follows:

i. **"corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and

ii. **fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;

(e) Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question;

(f) Shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Contract; onus of proof will be on the firm.

GENERAL CONDITIONS OF CONTRACT

1) **Definitions:** In this Contract, the following terms shall be interpreted as indicated against each;

i) "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

ii) "**The Contract Price**" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.

iii) "**The Goods**" means IT Equipments

iv) "**The Services**" means those services ancillary to the supply of goods, such as IT Equipments

v) "**The Procuring Agency**" means the Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi

vi) **"The Supplier**" means the individual or firm supplying the goods under this Contract.

2) **Application:** These General Conditions shall apply to the extent that they are not inconsistent / superseded by provisions of other parts of the Contract
3) **Country of Origin:** All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For the purposes of this clause, "origin" means the place where the goods are produced through manufacturing or processing, or the place from which the related services are supplied.
4) **Standards:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.
5) **Use of Contract Documents and Information**
   i) The Supplier shall not disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.
   ii) The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in condition of contract except for purposes of performing the Contract.
   iii) Any document, other than the Contract itself, enumerated in condition of contract shall remain the property of the Procuring Agency and shall be returned if so required by the Procuring Agency.
   iv) The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier.
6) **Patent Rights:** The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
7) **Submission of Samples:** The Supplier shall provide **samples (free of cost)** of the product to procuring agency according to the specs.
8) **Ensuring intimation of storage arrangements:** To ensure storage arrangements for the intended supplies, the Supplier shall inform the Consignee one week in advance.
9) **Inspections and Test / Analysis**
   i. The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.
   ii. For the purpose of inspections and tests of IT Equipments Materials, the Supplier shall inform the Rawalpindi Institute of Cardiology Rawalpindi at least 15 working days in advance when all or any specific consignment / installment of goods is manufactured and ready for inspection. The inspection team from Rawalpindi Institute of Cardiology Rawalpindi shall inspect the quantity, specifications of goods. The Supplier shall furnish all reasonable facilities and assistance including access to drawings and production data to the inspectors at no charge to the Procuring Agency. However, if the Supplier proves an undue delay in conduct of inspection on the part of Procuring Agency, the Supplier shall not be liable for penalty on account of that delay. The cost of such lab tests shall be borne by the Manufacturer / Supplier.
   iii. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the goods either at Supplier's premises or upon arrival at Consignee's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.
   iv. Procuring Agency or its representative shall have the right to inspect and /or to test the goods to confirm their conformity to the specifications of the contract at no extra cost to the Procuring Agency.
   v. The inspection committee constituted by the Consignee shall inspect the quantity, specifications of goods. The cost of the lab tests shall be borne by the Supplier.
   vi. The supplier will be responsible for free replacement of stocks if the same is not found to be of the same specifications as required in the Invitation of Bids / Substandard /Spurious / Misbranded / Expired. Moreover, it will replace the unconsumed expired stores without any further charges.
   vii. The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the arrival at Procuring Agency's destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.
   viii. Nothing in General Conditions of Contract shall in any way release the Supplier from any warranty or other obligations under this Contract.
10) **Physical examination of** IT Equipments
   i) The Inspection committee constituted by the consignee shall carry out the physical examination after receipt of supplies for checking quality / quantity of the goods supplied.

ii) If the Goods supplied are found during physical examination / inspection to be against the required specifications, approved samples, etc., even if it is of standard quality, the Procuring Agency may reject the goods, and the Supplier shall either replace the rejected goods or arrange alterations necessary for rectification of observation, to meet the required specifications free of cost. Replacement in lieu of the rejected supplies must be completed within **20** days from the date of communication of decision to the Manufacturer / Supplier by the Concerned Authority. In case after replacement or alteration, the Inspection Committee again declare the item as of against the required specifications, the supply would completely be rejected and the proportionate amount of performance security of the concerned installment would be forfeited to the government account and the firm shall be blacklisted minimum for one year. However, if the entire supplies/ installments are declared as of against the required specifications, the entire performance security shall be forfeited and the firm shall be blacklisted minimum for two years; onus of proof of innocence shall be on the supplier.

11) **Delivery and Documents:** The Supplier in accordance with the terms specified in the Bidding Documents shall make delivery of the goods. The details of documents to be furnished by the Supplier are specified in Special Conditions of the Contract.
12) **Insurance:** The goods supplied under the Contract shall be delivered duty paid.
13) **Transportation:** The Supplier shall arrange such transportation / cold chain maintenance of the goods as is required to prevent their damage or deterioration during transit to their destination. The goods shall be delivered in Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi on the risk and cost of the Supplier. All taxes shall be borne by the Supplier. Transportation including loading / unloading of goods shall be arranged and paid for by the Supplier.
14) **Incidental Services:** The Supplier shall be required to provide the incidental services as specified in Special Conditions of the Contract and the cost of which should be included in the total bid price.
15) **Payment:** The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of the Contract. The currency of payment is Pak. Rupees.
16) **Prices:** Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the original bid validity period provided the Procuring Agency's request for bid validity extension.
17) **Contract Amendments:** No variation in or modification of the terms of the Contract shall be made except by written amendment signed by both the Parties.
18) **Subcontracts:** The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.
19) **Delays in the Supplier's Performance:** Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). The Procuring Agency may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Procuring Agency by amendment of Contract. A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon without the application of liquidated damages.
20) **Penalties/liquidated Damages:** In case of late delivery beyond the presented period, penalty as specified in Special Conditions of Contract shall be imposed upon the Supplier. The above Late Delivery (LD) is subject to General Conditions of Contract including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
21) **Termination for Default:** The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part, if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency; or if the Supplier fails to perform any other obligation(s) under the Contract and if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract

22) **Force Majeure:** Notwithstanding the provisions of general conditions of contract the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargos. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of Health Department, constituted for Redressal of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

23) **Termination for Insolvency** the Procuring Agency may at any time terminate the Contract by giving written notice of one month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

24) **Arbitration and Resolution of Disputes:** The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties

25) **Governing Language:** The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

26) **Applicable Law:** This contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

27) **Notices**

i) Any Notice given by one party to the other pursuant to this contract shall be sent to the other party in writing and confirmed to other party's address specified in Special Conditions of Contract.

ii) A notice shall be effective when delivered or on the notice's effective date, whichever is later

SPECIAL CONDITION OF CONTRACT

1. **Definitions** In this Contract, the following terms shall be interpreted as indicated against each;
    a. "**The Contract**" means the agreement between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
    b. The **Supplier:** is the individual or firm supplying the goods under this contract.
2. **Country of Origin:** All goods and related services to be supplied under the contract must be from that origin / country as indicated under general conditions of the contract.
3. **Bid Security.** 2% of the total bid money in the shape of Call Deposit (CDR) / Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi to be submitted **with financial bid**.
4. **Performance Guaranty/ Security:** After signing of contract, the successful bidder shall furnish the Performance Guaranty/Security equivalent to **3%** of the total Contract amount in the shape of CDR/ Bank Guarantee in the name of Executive Director, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi from any of the scheduled banks in accordance with the conditions of the tender inquiry on the prescribed format.
5. **Inspection and Tests:** Inspection of IT Equipments at final acceptance shall be in accordance with the conditions of contract. After delivery at Rawalpindi Institute of Cardiology, Rawal Road, Rawalpindi, the

goods shall be inspected /examined by the Inspection Committee, Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi to physically check the goods in accordance with the approved sample and terms / conditions of the Contract. The Committee shall submit its inspection report to Procuring Agency along with invoice / bills / delivery Challan. In case of any deficiency, pointed out by the Inspection Committee in the delivered goods, the Supplier shall be bound to rectify it free of cost.

6. **Delivery and documents:** The Supplier shall provide the following documents at the time of delivery of goods to Consignee' end for verification and onward submission to quarter concerned, duly completed in all respect for payment.
   vii) Original copies of Delivery Note / Challan (in duplicate) showing name of destination to which delivery is to be made, item's description, batch No(s), Registration No, manufacturing and expiry date and quantity.
   viii) Original copies of the Supplier's invoices (in duplicate) showing warranty, name of Procuring Agency /destination to which delivery is to be made, item's description, Batch No, Registration No, manufacturing and expiry date, quantity, per unit cost, and total amount.
   ix) Original copies of the Sales Tax Invoices (where applicable) in duplicate showing name of destination to which delivery is to be made, item's description, quantity, per unit cost (without GST), amount of GST and total amount with GST.
7. **Insurance** The goods supplied under the Contract shall be delivered duty paid, under which the risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility therefore, they may arrange appropriate coverage.
8. **Incidental Services**
   The following incidental services shall be provided and the cost of which should include in the total bid price.
   a. The bidder shall supply IT Equipments as per tender requirement along with complete literature (Leaflet).
   b. If the Supplier / bidder charged the prices of incidental services separately in the financial bid and not included in the Contract price of goods, the same shall be included prior to comparison of rates with the other bidders.
9. **Payment**
   A. The Payment shall be in Pak Rupees.
   B. The payment shall be made to the Supplier on receipt of original delivery Challan(s) and invoice(s) including those of GST (if applicable) in duplicate duly completed in all respect and signed & stamped by the store officer / signed and stamped by Consignee, along with physical inspection report, carried out by the Committee, with certificate and test / analysis report to the effect that the supplies conform to specifications.
   C. The laboratory test / analysis charges of sample either against the tender or bulk supplies shall be borne by the Supplier.
10. **Penalties/ Liquidated Damages**
    a. In case where the deliveries as per contract are not completed within the time frame specified in the schedule of requirement, the Contract to the extent of non-delivered portion of supply may be cancelled followed by a Show Cause Notice. No supplies shall be accepted and the amount of Performance Guaranty/ Security to the extent of non–delivered portion of supplies of relevant item shall be forfeited and the firm shall be blacklisted minimum for a period of one year. If the firm fails to supply the whole installments, the entire amount of Performance Guaranty/ Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for a period of two year. Onus of proof of innocence shall be on the supplier.
    b. In case of late delivery of goods beyond the periods specified in the schedule of requirements, **penalty @ 2% per month, 0.067% per day** of the cost of late delivered supply shall be imposed upon the Supplier.
11. **Arbitration and Resolution of Disputes:** In case of any dispute, concerning the interpretation and / or application of this Contract shall be settled through arbitration. The Additional Chief Secretary or his nominee shall act as sole *ARBITRATOR*. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
12. **Governing Language:** The language of this Contract shall be in English.
13. **Applicable Law:** This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

Notices

Supplier's address for notice purpose	**Procuring Agency's address for notice purposes shall be the;**
----------	**Executive Director** **Rawalpindi Institute of Cardiology** **Rawalpindi**

Note: All assessments and procuring procedures i.e. receiving, opening and awarding etc. shall be governed by the Punjab Procurement Rules, 2014.

PERFORMANCE GUARANTY/ SECURITY FORM (CDR)

To: *[Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi]*
_____

Whereas *M/S* _____ (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No._____ dated _____ to supply IT Equipments (hereinafter called "the Contract"). And whereas, it has been stipulated by you in the said Contract that the Supplier shall furnish you CDR/ Bank Guarantee, issued by a scheduled bank for the sum of 3% of the total Contract amount as a Security for compliance with the Supplier's performance obligations in accordance with the Contract.

Name of the bidder _____
Father, s Name_____
Address of bidder / Firm_____
NIC #_____
Designation._____
Signature _____
Stamp_____

MANUFACTURER'S AUTHORIZATION FORM

To: *[name of Purchaser]*

_____

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against No. *[Reference of the Invitation to Bid]* for the goods manufactured by us. We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids. *[Signature for and on behalf of Manufacturer]*

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the bidder in its bid.

CONTRACT FORM

THIS CONTRACT is made at ----------on---------- day of---------- 2014, between the Executive Director Rawalpindi Institute of Cardiology Rawal Road, Rawalpindi (hereinafter referred to as the "Procuring Agency") of the First Part; and M/s *(firm name)* a firm registered under the laws of Pakistan and having its registered office at *(address of the firm)* (hereinafter called the "Supplier") of the Second Part (hereinafter referred to individually as "Party" and collectively as the "Parties").

WHEREAS the Procuring Agency invited bids for procurement of goods, in pursuance where of M/s *(firm name)* being the Manufacturer/ Sole Agent of (item name) in Pakistan and ancillary services offered to supply the required item (s); and Whereas the Procuring Agency has accepted the bid by the Supplier for the supply of *(item name)* cost per unit,

NOW THIS CONTRACT WITNESSES AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General/ Special Conditions of this Contract hereinafter referred to as "Contract":
2. The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz:-
   a. *Price Schedule submitted by the bidder,*
   b. *Technical Specifications;*
   c. *General Conditions of Contract;*
   d. *Special Conditions of Contract; and*
   e. *Procuring Agency's Award of contract; and*
   f. *Purchase Order*
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.
5. *[The Supplier]* hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit form Government of Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Punjab) through any corrupt business practice.
6. Without limiting the generality of the foregoing, [the Seller/ Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc., paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Punjab, except that which has been expressly declared pursuant hereto.
7. *[The Supplier]* certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
8. *[The Supplier]* accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any Contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Procuring Agency under any law, Contract or other instrument, be void able at the option of Procuring Agency.
9. Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, *[The Supplier]* agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by *[The Supplier]* as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency.

10. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. **The Additional Chief Secretary** or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.
11. This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.
12. If the firms provide substandard item and fail to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangement at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.
13. In case of supply of substandard product the destruction cost will be borne by the firm i.e. burning, Dumping, Incineration
14. Partial supply shall not be accepted.
15. Quality/quantity of IT Equipments supplied will be checked by the concerned hospital through inspection committee notified by the concerned Executive Directors.
16. The supply shall not be accepted if found substandard. The seller shall be bound to replace the substandard stores immediately.
17. Seller shall ensure timely, continuous / uninterrupted supply of IT Equipments to the end users as per demand throughout the contract period.
18. The seller shall have to supply such quantity as ordered.
19. The seller shall provide free delivery of IT Equipments to consignee at the concerned hospital store.
20. If the rates charged by the seller are found higher than the market rates the extra money charged shall have to be refunded by the seller.
21. Payment will be made by the end users as per rules after completion of all codal formalities.
22. In case of breach of terms & conditions of contract agreement security of the seller shall be forfeited.
23. This contract agreement shall remain valid till 30th June, 2015.
24. The seller will be responsible to refund any excess amount paid due to any error in calculation or mistake in evaluating the offer.

IN WITNESS Whereof the Parties hereto have caused this Contract to be executed at_____ (the place) and shall enter into force on the day, month and year first above mentioned.

NAME _____
FATHER'S NAME _____
DESIGNATION _____
ADDRESS _____
NIC # _____
SIGNATURE & STAMP _____

EXECUTIVE DIRECTOR
RAWALPINDI INSTITUTE OF CARDIOLOGY
RAWALPINDI

BID FORM

Date: _____
No. _____

To: _____ [Name and address of Procuring Agency]

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver the goods specified in and in conformity with the said Bidding Documents for the sum of *[Total Bid Amount _____], [Bid Amount in words_____]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. If our bid is accepted, we shall furnish performance guarantee / security in the shape of call deposit (CDR) / Bank Guarantee equivalent to 3% of the total contract amount. The CDR / Bank Guarantee shall be in the Name of Executive Director, Rawalpindi Institute of Cardiology, Rawalpindi. We agree to abide by this bid for a period of **03 months** from the date fixed for bid opening under instruction to the bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that the Procuring Agency is not bound to accept the lowest or any bid, Procuring Agency may receive.

Name and address of agent ---------- Amount ----------
(If none, state "none")."
Dated this _____day of _____20__.

Signature (in the capacity of) duly authorized to sign bid for and on behalf of.
Attachment

PRICE SCHEDULE FOR IT EQUIPMENT IN PAK RUPEES
Name of bidder_____
No. _____

Sr. No.	Item	Accounting Unit	Quantity Required	Unit Price	Total Cost

Sign and Stamp of bidder_____
Note: In case of discrepancy between unit price and total, the unit price shall prevail.

SCHEDULE OF REQUIREMENT
FOR IT EQUIPMENT

The supplies shall be delivered within delivery date w.e.f the next date after date of issue of Purchase Order (without penalty), and with prescribed penalty, as per following schedule of requirements:-

MODE OF PENALTY	100% QUANTITY AS PER PURCHASE ORDER	TOTAL DELIVERY PERIOD
WITHOUT PENALTY	45 days	45 Days
WITH PENALTY At the rate of 2% per month 0.067% per day after 45 days of Purchase Order	45 Days	90 Days

ELIGIBILITY CRITERIA

- Vendor having minimum Tier-1/Gold Partnership status with Principal.
- Vendor must be an authorized dealer for the last 8 years of OEM/Principal
- Vendor to provide the certificate of authorization along with the quotation on the name of Executive Director RIC mention the name of representative of principal with his contact details for verification.
- 3 years warranty must be quoted for all items
- Vendor should have Technical team of minimum 10 personals having certification for Network Equipment and minimum 3 certified professional for storage. CV of technical staff should be provided along with verification Code
- Vendor must have 24x7 proper centralized helpdesk facilities for technical support. Details of helpdesk must be attached with proposal.
- The project must be carried out by project management team to ensure the successful deployment. Vendor will provide the CVs of Project management team.
- Resident Engineer for 1 year having relevant experience will also be required.

DEMAND AND SPECIFICATION FOR IT EQUIPMENST FOR 2014-15

ACCESS SWITCH 48 PORT (1 G Distribution Switches, Cisco / Juniper / Palo Alto) (QTY-4)

- 48 ports of 10/100/1000Base Ethernet Switch
- Atleast 2 x 10G Ethernet Ports(SFPs included)
- Atleast 8 Port POE
- Layer 3 capable with OSPF support
- Support for stacking with 60 Gbps of stack throughput
- IEEE 802.3at-compliant PoE for up to 30W of power per port
- The Forwarding bandwidth 100 Gbps and switching bandwidth of 200 Gbps or above.
- The switch has the packet forwarding rate of 120 Mpps or above
- Should have DRAM of 512 MB and Flash of 128 MB or higher.
- USB port x1
- The power supply should be an auto-ranging unit and supports input voltages between 100 and 240V AC
- 1 x 10G SFP Multimode
- Warranty 3 years

ACCESS SWITCH 24 PORT (1 G Distribution Switches, Cisco / Juniper / Palo Alto) (QTY-6)

- 24 ports of 10/100/1000Base Ethernet
- At least 2 x 10G Ethernet Ports(SFPs included)
- Layer 3 capable with OSPF support
- Support for stacking with 60 Gbps of stack throughput
- The Forwarding bandwidth 100 Gbps and switching bandwidth of 200 Gbps or above.
- The switch has the packet forwarding rate of 90 Mpps or above
- At least VLAN 255 and VLAN ids, more than 3800.
- Should have DRAM of 512 MB and Flash of 128 MB or higher.
- The power supply should be an auto-ranging unit and supports input voltages between 100 and 240V AC
- 1x 10G SFP Multimode
- Warranty 3 years

CORE SWITCH (10 G Fiber Convergence, Cisco / Juniper / Palo Alto) (QTY-2)

- Minimum 48 x 10G ports
- Layer 3 capable with OSPF support
- Switching capacity: 800 Gbps with throughput of 250 Mpps
- High availability
- External USB and SD card support for flexible storage options
- 10/100/1000 RJ-45 console and management port
- IPv6 support in hardware
- Nonstop Forwarding/State ful Switchover (NSF/SSO)
- Redundant power supply: Yes
- Field replaceable fans: Yes
- MAC Entries: 55K
- Forwarding IPv4 entries: 256K
- Forwarding IPv6 entries: 128K
- RSTP/MSTP/VSTP supported
- VLANS: 4000+
- IGMP Groups: 32K
- 8 Queues/Port
- 128k QoS Enteries
- QoS Policy: Per port, per Vlan
- 20 x 10G SFP multimode
- 28 x 10G singlemode SFP
- Warranty 3 years

FIREWALL (Inner and External Security and Reporting) (QTY-1)

- Security Appliance should deliver gigabit-class security services with Active/Active or Active/Standby high availability
- 8-port 10/100/1000
- 2 x 10G ports
- Stateful Inspection throughput 4 Gbps
- UTM/IDP/App Firewall support
- IPS throughput more than 1 Gbps
- Concurrent sessions 512k
- Firewall Performance : 7 Gbps at large packet size
- IPSEC VPN throughput : 1.9 Gbps
- VPN user sessions: 5000
- High availability
- Redundant Power supply: Yes
- Warranty 3 years

BRANDED- SERVERS (Virtualization Supported High End Servers, HP, DELL, CISCO, HUAWEI, IBM) (QTY-2)

- Min 16 core rack mount servers
- 256 GB RAM, extendable to 750 GB
- Min 4 TB storage
- 4 x 10 G Lan interfaces
- hot-swappable, SAS, SATA, or SSD drives for local storage
- RAID 0, 1, 5, 6, 10, 50, and 60 support
- redundant fans and power supplies
- PCIe 3.0 slots

- Internal USB option
- One Management Interface
- KVM console connector
- 2 RU
- Warranty 3 years

NMS for 100 devices

- Management Solution should be able to
- Assess, plan, and create configurations required to roll out new network services and technologies including creating templates for monitoring key network resources, devices, and attributes.
- Schedule the rollout and implementation of network changes
- Solution should be able to manage minimum 100 devices and scalable to 1000 devices or higher
- Monitor the overall health of the network using predefined dashboards that provide up-to-date status
- Should be able to delivers simple one-click workflows and 360-degree views to enhance troubleshooting and reduce the time to resolve network issues.
- Should provide an access to wide variety of predefined reports for up-to-date network information
- These reports include detailed inventory, compliance, audit, capacity, end of sale, security vulnerabilities, and many more
- Should help to Ensure Regulatory and Risk Compliance
- Should support various types of devices, including routers, switches, wireless controllers, lightweight wireless access points and autonomous access points etc
- Solution should offers both physical appliance and virtual appliance options for deployment flexibility without sacrificing scalability, ease of installation and setup, or serviceability and sustainability.

STORAGE	(4-TB)
Storage Platform	• Unified Storage (SAN/NAS)
Controllers/ Engines	• The proposed system must have dual controllers Active/Active
Availability	• The proposed system must be designed to deliver five 9's availability
Expansion Controller Interface	• 6Gbps SAS Backend
Controller Cache	• Minimum should support 48GB (24GB per controller)
Expandable Read & Write Cache	• Should support a Expandable read and write SSDs cache to protect unpredictable spikes in the workload and this cache should be scalable up to 1TB
Capacity Breakup	• 4TB Usable on Raid 10, 5 6 using 600GB 10K, 1 Drives • 100GB SSD Cache (scalable to 1TB)
Disk Sparing and Rebuilding Operation	• Should support multiple, simultaneous sparing / rebuild operations to address even the unlikely event that two disks within the array failed at about the same time.
Disk Storage Architecture and Host Interface	• Dual, high-performance intelligent RAID controllers. • At least 4 iSCSI ports per controller **(required)** • At least 4 FC ports (8 Gbps) per controller **(required)** • At Least 4 Ports of 1GB and 10GB on NAS controllers **(required)** • Must support FCoE • Must Support solid-state drives (SSD), SAS 2.0, and NL-SAS. • Support for RAID 0, 1, 5,3, 6 and 10 • Should Support 1TB, and 2TB NL-SAS Drives.
Data Corruption Protection	• All SAS and NL-SAS drives must use 520-byte blocks with 8 ECC bytes to protect Disk from Silent Data Corruption
Storage Expandability	• Minimum support for 150 drives.
Protocol Support	• Concurrent support for Native NAS, iSCSI, FC, FCoE and

	10Gig E
Point-in-Time Copy	• Should Support for Comprehensive point-in-time snap copy software
Automated Storage Tiering	• Provides ability to dynamically move data between different types of drives or storage tiers to ensure optimization of high cost, high performance drive utilization • Data movement between storage tiers must be automated, transparent to applications and based on advanced analysis of historical data access patterns. • Data movement between storage tiers must be performed at the sub logical unit (LUN) level to ensure optimization of high cost, high performance drives • Automated data movement between storage tier functionality should be included in the base system cost.
Thin Provisioning	• Ability to thin or over provision space allocated to hosts, i.e. space allocated to a host is not totally reserved for that host at time of allocation but rather is allocated to the host only as it is consumed • Thin provisioning functionality should be included in the base system cost. • Thin Provision should also Support Block Compression for better capacity Optimization • Zero page reclaim should supported on Thin Volumes
Capacity Optimization with Block and File Compression and De-duplication	• Should Support data compression and De duplication feature on both Block and File Data, provides a further reduction of capacity savings initially provided by Virtual Provisioning
Storage Monitoring Software & Storage Management Software	• The storage management software must support discovery, monitoring, asset and capacity reporting • The storage management software must support interception of Storage-related indications (converted SNMP traps) • The storage management software must be latest with all updated patches • The storage management software must support the ability to produce detailed reports and graphs on storage utilization • The storage management software must support the ability to produce detailed trending performance reports and graphs in order to discover device contention • The storage management software must support the ability to monitor and manage disk, data, fabric and performance of the storage and SAN environment • The storage management software must support the ability to manage copy services for multiple operating systems • The storage management software must provide single sign-on for all devices in the management domain • The storage management software must provide virtualization-aware management for both storage and virtual infrastructure administrators • The storage management software must provide single-click access to online support community • This software should be included in the base system cost if not should be quoted separately

Mini desktop **QTY-20**

Mini Tower

- Mini Tower for Standard Power Supply
- Intel Core i5-4590 Processor (Quad Core HT, 3.3GHz, 6MB, w/ HD Graphics 4600)
- Safety/Environment and Regulatory Information
- 4GB 1600MHz DDR3 Non-ECC
- 500GB 3.5inch Serial ATA (7,200 Rpm) Hard Drive
- Minitower Chassis Mainstream Heat sink (95watts)
- 16X Half Height DVD+/-RW Drive
- System Power Cord
- 18.5" LCD Monitor
- USB Optical Mouse
- Quiet Key USB Keyboard Black
- 3 years warranty.

Network Printers **QTY-12**

- Print up to 37 ppm (B&W)
- First-page-out time as fast as 6.5 seconds
- Standard 250-sheet paper capacity
- 50-sheet Bypass Tray
- 600 MHz processor
- 10/100/1000Base-T Ethernet
- USB 2.0, 10/100/1000Base-T Ethernet,
- Up to 80,000 pages / month1
- Duplex standard
- Up to 600 x 600 dpi (1200 x 1200 image quality)
- 128 MB / 384 MB
- Secure HTTPS (SSL), IPsec, 802.1X, SNMPv3, IP Filtering, Secure Print, Mac Address Filtering

Passive Material	
Item	**Quantity**
3M 6 core Multimode Fiber Cable OM-3 for 10 G Connectivity/meters	1500 Meters
3M 48 Port UTP Cat-6 Patch Panel with I/Os	2
24 Port ODF with SC Coupler	2
3M Patch Cords 1 Meter	48
3M Pigtails SC-Open	180
SC-LC Patch Cords 1 Meters	45
SC-LC Patch Cords 3 Meters	15
Fiber Installation, integration, splicing and Passive Cabling Laying ,	1 JOB

Bar Code Readers **QTY-30**

- Quick Scan Lite QW 2100

Q-Metic Display

- Enhancement of existing Q-metic system with 10 displays with counter terminal, power supply units, Bells, with complete installation, with 1 Year warranty

Video Conference display

- LED 42" Qty = 4

Scanjet Scanner **QTY-05**

Flatbed
Scan resolution, optical
Up to 4800 dpi
Bit depth
48-bit
Task speed
35 mm slides to file: less than 25.6 sec (single image), less than 6.5 sec (multiple image)
OCR Letter/A4 text page to Microsoft Word: less than 28 sec
PDF to e-mail: less than 28 sec
Scan file format
Windows: PDF, PDF searchable, TIFF, TIFF compressed, JPG, BMP, PNG, FPX, GIF, PCX, RTF, TXT, HTML; Macintosh: PDF, TIFF, JPG, FPX, GIF, PICT, RTF, TXT, HTML
Compatible operating systems
Microsoft® Windows® 7 ready. Some features may not be available. Windows Vista®, Windows® XP (32-bit and 64-bit), Windows® XP, Windows® 2000, Mac OS X v10.4.11, 10.5, 10.6.

Tablets **QTY-16**

- Minimum 10” HD / IPS / LED Screen
- Process Quad Core 1.2 GHZ or above
- 2 GB Ram
- 8 GB Rom
- Warranty 1 year
- Wifi Enabled
- Without GSM

CUSTOMER'S COPY

Bank's Acknowledgement of the following Funds (for Transfer and Bank's Charges for the purpose mentioned above)

	Amount
Principal Amount:	1000/-
Telex Charges:	
Fax Charges:	
Commission:	
Withholding Tax:	
FED:	
Others:	
Total Deduction:	1000

Issuing Branch _____ Sr. # 4028256

Dated: 26-12-2014

Type of Remittance: BOP On Line

Name of Beneficiary: Punjab Procurement Regulatory Authority

Instrument #: _____ 0008 Branch / Bank

Drawn On: BOP Civil Sec. Brch: LHR A/C # 3983

THE BANK OF PUNJAB Satellite Town Br. Rawalpindi

CASH OFFICER

OFFICER